U.S. $24.95

THE 1991 WALL CHART OF PROGRAMMABLE DEVICES

Data I/O: Your **Source** for programmable device support and information.

The Personal Silicon Experts

DATA I/O Corporation

Welcome to the new Data I/O Wall Chart.

After an extensive survey of the engineering community, Data I/O® has redesigned our famous Wall Chart of Programmable Devices to better serve your needs.

With the Wall Chart's new format, you can easily access and view all device listings when you hang a single chart. A new tabbing scheme lets you cross-reference and look up devices more quickly and easily. A manufacturers index has also been added to assist you in locating the information you need. And everything is now printed in larger type for easier reading.

What's changed?
- Easy-to-use format requires less wall space
- 12 device categories assist you in device selections
- A new manufacturers index lists manufacturer, device section, page, and column
- Device listings are ordered to reflect alternatives and second sources

How to take advantage of this new Wall Chart
- Need a 16-bit processor with 32K EPROM memory? Turn to the microprocessor section. All devices are listed in ascending order, first by the number of processor bits, then by EPROM memory size.
- What are the most dense Flash memories available, and from whom are they available? Turn to the Flash Memories section. Devices are listed by density in ascending order.
- What is the family/pinout code of XXX device? Turn to the index to find your device by manufacturer. Then, simply turn to the correct section tab, or page and column to find your device listing with all the information you need.
- Want to cross reference devices (find alternate sources)? Turn to the appropriate category for your device. All devices are listed by density in ascending order, and all possible alternate sources appear one right after the other.
- What is the current software/firmware version you require? Just use the tab(s) to turn to the appropriate section (refer to the index if needed). Then, look up your device and read across the column headings to find your software or programmer. The version indicated incorporates the most current required algorithm by the manufacturer.

Listing of Device Sections

Section	Data sorted by:
Microcontrollers	Processor Bits, EPROM Array, Device, Package, Manufacturer
Memory Cards	Array, Device, Package, Manufacturer
Flash Memories	Array, Device, Package, Manufacturer
EPROMs	Array, Device, Package, Manufacturer
CMOS PROMs	Array, Device, Package, Manufacturer
EEPROMs	Array, Device, Package, Manufacturer
Bipolar PROMs	Array, Device, Package, Manufacturer
FPGAs	Density, Device, Package, Manufacturer
Complex PLDs	Density, Device File, Device, Package, Manufacturer
EECMOS PLDs	Density, Device File, Device, Package, Manufacturer
CMOS PLDs	Density, Device File, Device, Package, Manufacturer
Bipolar PLDs	Density, Device File, Device, Package, Manufacturer

Using the latest algorithms is critical.

Devices that have received an algorithm change within the past year have been highlighted within this wall chart in **BOLD TYPE**. To accurately program these devices, you need to use the newest software or hardware version that supports the latest algorithm changes. If you use an older, out-of-date version you may get unacceptable results, including decreased programming yields and increased programming times. In the worst case, the long-term reliability of the programmed device could be affected.

Most people do not realize that device algorithms are subject to change on a daily basis. In fact, 68% of all device algorithms will change four or more times during a single device's lifetime (see figure 1). There are many reasons why algorithms change, including improved fabrication yields, improved yield mixing, die shrinks, improved programming yields, and new device features.

To keep up with these constant changes, you need to update your software/firmware support. Data I/O strives to keep all our engineering and manufacturing systems current by providing product updates, issued several times during the year, that incorporate these algorithm changes. You don't have to waste your valuable time keeping up with the changes, because we do it for you.

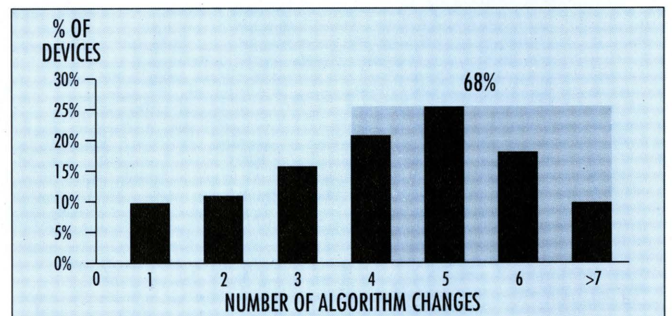


Figure 1: 68% of all devices receive four or more algorithm changes during their lifetime.

Why algorithms change
- To increase programming yields, and save time and money
- To improve programming speeds, and increase your throughput
- To improve process yields
- To incorporate new or additional device features
- To increase long-term reliability of the programmed device

Keep Current with Data I/O

Data I/O incorporates critical algorithm changes in all our updates immediately following notification by the manufacturer. Most of these changes are critical to your programming success, so if you wait to be notified of the change by the device vendor or through our Wall Chart, you will run the risk of discovering the changes after improperly programming several lots of devices.

The best way to ensure that you always use the manufacturer's latest approved algorithms is to maintain a current subscription to Data I/O's Keep Current™ subscription service. As a member of the Keep Current program, you will automatically receive update kits throughout the year. Each kit contains all the modified algorithms already incorporated.

For more information on Data I/O's Keep Current subscription service and the importance of using the most current algorithms, contact your local Data I/O representative (see last page of this chart).

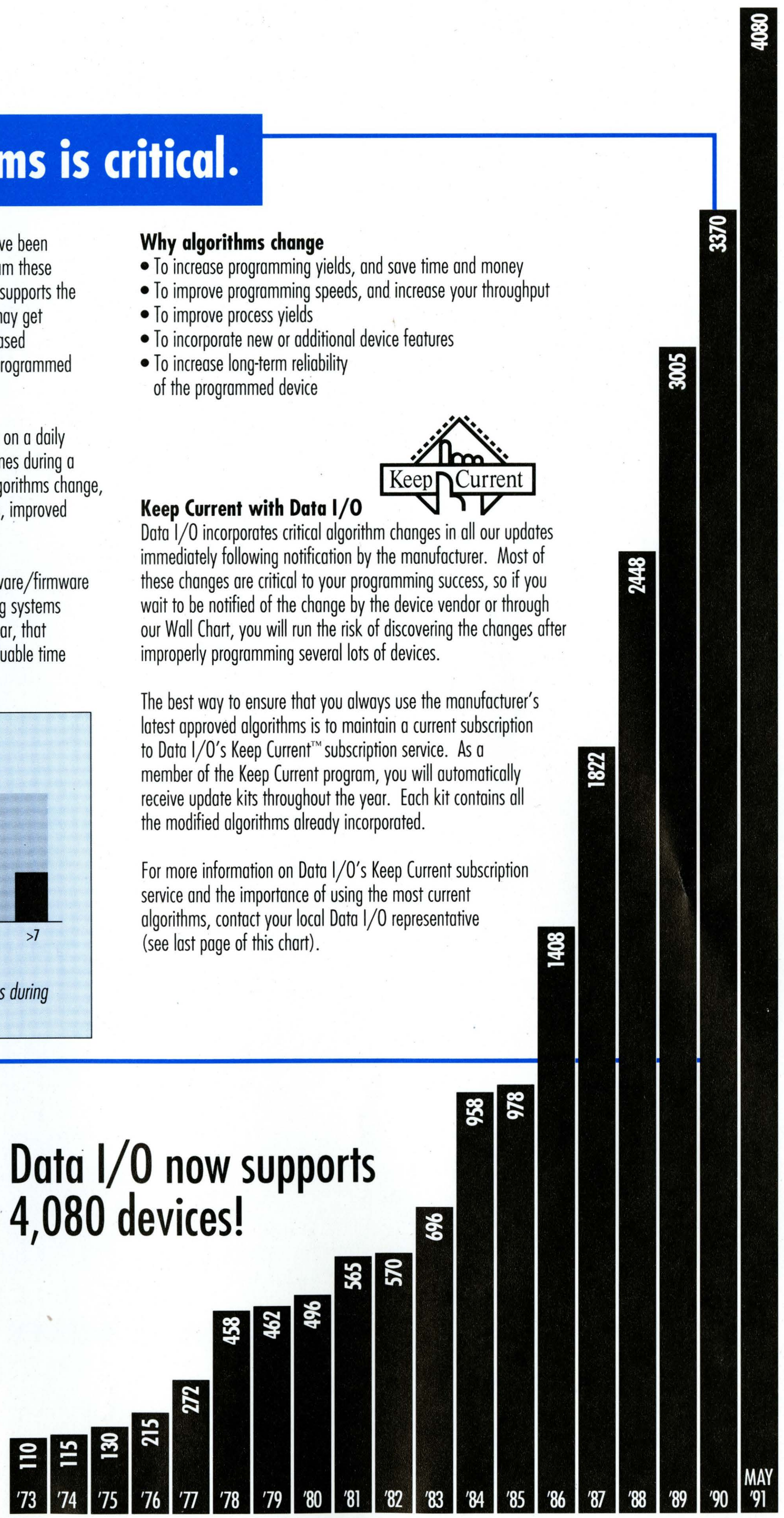
For More Information

The Data I/O Wallchart is also available in a convenient three-hole punched 8 1/2" x 11" format arranged by individual manufacturers. This document can be ordered by calling your local Data I/O representative. (See last page of this chart.)

All this information is also available 24 hours a day through Data I/O's worldwide **Electronic Bulletin Board**. (See last page of this chart for bulletin board information.)

If your device is not listed in the index, please fill out an enclosed business reply card and return it to Data I/O or your local Data I/O representative. Your requests for device support will be considered for the next update of your product.

Data I/O now supports 4,080 devices!



MICRO CONTROLLERS

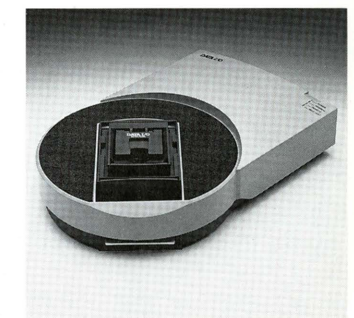
DATA SORTED BY:
Processor Bits, Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Processor Bits	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak/2B 351B-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	288	288A	288/288A MOD-	BoardSite
Hitachi	4074608FS	81,920	4	QFP	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074608H	81,920	4	QFP	80	93/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074808FS	81,920	4	QFP	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074808H	81,920	4	QFP	80	93/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074019	163,840	4	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074709	163,840	4	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	4074729	262,144	4	DIP	64	93/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
National	8640	512	8	DIP	28	16F/19E	–	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC11A1-FN	4,096	8	PLCC	52	101/700	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC11A8-FN	4,096	8	PLCC	52	101/700	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	16C54	6,144	8	DIP	18	145/140	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	16C54	6,144	8	SO	18	145/840	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	16C55	6,144	8	DIP	28	145/149	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68704P2	8,192	8	DIP	28	04/04	–	–	–	–	–	–	–	–	–	–	–	–	1.3	4.1	28-6870X	–
Motorola	68HC705C8	8,192	8	DIP	40	134/0F8	2.6	2.6	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC705C8-FN	8,192	8	PLCC	44	134/7F8	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–
Intel	8741	8,192	8	DIP	40	56/59	3.1	3.1	–	–	1.1	07	070B	1.1	MICRO	–	–	1.6	1.3	4.1	87XX	–
Intel	8741A	8,192	8	DIP	40	56/59	3.1	3.1	–	–	1.1	07	070B	1.1	MICRO	12	40	1.6	1.3	4.1	87XX	–
NEC	8741A	8,192	8	DIP	40	56/59	3.1	3.1	–	–	1.1	11	070B	1.1	MICRO	07.3	40	1.0	1.3	4.1	87XX	–
Intel	8741AH	8,192	8	DIP	40	51/1B	1.5	1.5	–	–	1.1	13	070B	–	–	14	40	1.5	1.3	4.1	87XX	–
Intel	8748	8,192	8	DIP	40	52/56	1.5	1.5	–	–	1.1	07	070B	1.1	MICRO	07.3	40	1.5	1.3	4.1	87XX	–
NEC	8748	8,192	8	DIP	40	52/56	1.5	1.5	–	–	1.1	07	070B	1.1	MICRO	11	40	1.5	1.3	4.1	87XX	–
Intel	8748H	8,192	8	DIP	40	50/56	1.6	1.6	–	–	1.1	07	070B	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	04
NEC	8748H	8,192	8	DIP	40	50/56	1.6	1.6	–	–	1.1	11	070B	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	04.1
Intel	P8741AH	8,192	8	DIP	40	51/1B	1.5	1.5	–	–	1.1	–	–	–	–	14	40	1.5	1.3	4.1	87XX	–
Intel	P8748H	8,192	8	DIP	40	50/56	1.6	1.6	–	–	1.1	15	070B	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	04.1
Motorola	68705F2	8,640	8	DIP	28	06/06	–	–	–	–	–	–	–	–	–	–	–	–	1.3	4.1	28-6870X	–
Microchip	16C56	12,288	8	DIP	18	145/14A	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68705P3	14,432	8	DIP	28	FB/FB	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	28-6870X	–
Motorola	68705P5	14,432	8	DIP	28	1E/FB	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	28-6870X	–
Signetics	87C751	16,344	8	PLCC	28	119/131	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Motorola	68701	16,384	8	DIP	40	FD/FD	1.1	1.1	–	–	–	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Motorola	68HC811A2	16,384	8	DIP	48	100/100	–	2.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC811A2-FN	16,384	8	PLCC	52	100/700	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC811E2-FN	16,384	8	PLCC	52	138/138	–	–	2.7	3.0	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	72720	16,384	8	DIP	40	FA/B8	1.6	1.6	–	–	–	13	097	–	–	–	–	1.6	–	–	–	–
Intel	8742	16,384	8	DIP	40	50/57	–	–	–	–	–	07	070B	–	–	07.3	40	–	–	–	–	–
Intel	8742AH	16,384	8	DIP	40	51/3F	2.1	2.1	–	–	1.1	13	070B	–	–	14	40	2.1	1.3	4.1	87XX	–
Intel	8742AH	16,384	8	PLCC	44	051/73F	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	8742AH	16,384	8	PLCC	44	51/3F	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–
Fujitsu	8742H/N	16,384	8	DIP	40	50/57	1.5	1.5	–	–	–	15	070B	1.1	MICRO	09	40	1.5	1.3	4.1	87XX	–
Fujitsu	8749H	16,384	8	DIP	40	50/57	–	–	–	–	–	07	070B	1.1	MICRO	–	–	–	1.3	4.1	87XX	–
Intel	8749H	16,384	8	DIP	40	50/57	1.6	1.6	–	–	1.1	07	070B	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	04
NEC	8749H	16,384	8	DIP	40	50/57	1.6	1.6	–	–	1.1	07	070B	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	04.1
Intel	8749H	16,384	8	PLCC	44	50/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04
Intel	8755A	16,384	8	DIP	40	47/55	1.5	1.5	–	–	1.1	07	072	1.1	MICRO	05	40	1.5	1.0	4.1	87XX	–
NEC	8755A	16,384	8	DIP	40	47/55	–	–	–	–	–	07	072	1.1	MICRO	05	40	–	1.3	4.1	87XX	–
Toshiba	8755A	16,384	8	DIP	40	47/55	1.5	1.5	–	–	1.1	07	072	–	–	06	40	1.5	1.0	4.1	87XX	–
Intel	87C54	16,384	8	PLCC	44	156/199	–	–	–	–	–	–	–	–	–	18	44	–	–	–	–	–
Intel	87C54	16,384	8	PLCC	44	156/19A	–	–	–	3.2	–	23	122P	–	–	–	–	–	–	–	–	–
Signetics	87C751	16,384	8	DIP	24	119/111	2.3	2.3	–	–	1.1	20	113D	–	–	–	–	2.3	–	–	–	–
Signetics	87C752	16,384	8	DIP	28	119/12F	2.6	2.6	–	–	1.1	–	–	–	–	–	–	2.6	–	–	–	–
Signetics	87C752	16,384	8	PLCC	28	119/15B	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	P8742AH	16,384	8	DIP	40	51/3F	2.1	2.1	–	–	1.1	18	070B	–	–	14	40	2.1	1.0	4.1	87XX	–
Intel	P8749H	16,384	8	DIP	40	50/57	1.6	1.6	–	–	1.1	–	–	1.1	MICRO	07.3	40	1.6	1.3	4.1	87XX	–
Motorola	68705G2	16,848	8	DIP	40	03/03	–	–	–	–	–	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Microchip	16C57	24,576	8	DIP	28	145/14B	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68705R3	30,208	8	DIP	40	FC/FC	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Motorola	68705R5	30,208	8	DIP	40	E0/FC	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Motorola	68705U3	30,208	8	DIP	40	FC/FC	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Motorola	68705U5	30,208	8	DIP	40	E0/FC	2.4	2.4	–	–	1.3	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
Hitachi	63701V0	32,768	8	DIP	40	93/CF	1.4	1.4	–	–	1.1	11	108	–	–	07	28	–	–	–	–	–
Hitachi	63701X0	32,768	8	DIP	64	27/24	2.0	2.0	–	–	–	–	–	–	–	07	28	–	–	–	–	–
Hitachi	63705V0	32,768	8	DIP	40	93/D0	1.4	1.4	–	–	1.1	11	109	–	–	07	28	–	–	–	–	–
Hitachi	637A01V0	32,768	8	DIP	40	93/CF	1.4	1.4	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
Hitachi	637A01X0	32,768	8	DIP	64	27/24	2.0	2.0	–	–	–	–	–	–	–	07	28	–	–	–	–	–
Hitachi	637A05V0	32,768	8	DIP	40	93/D0	1.4	1.4	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
Hitachi	637B01V0	32,768	8	DIP	40	93/CF	1.4	1.4	–	–	1.1	13	108	–	–	07	28	–	–	–	–	–
Hitachi	637B01X0	32,768	8	DIP	64	27/24	2.0	2.0	–	–	–	–	–	–	–	07	28	–	–	–	–	–
Hitachi	637B05V0	32,768	8	DIP	40	93/D0	1.4	1.4	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
Motorola	68701U4	32,768	8	DIP	40	FD/FE	1.2	1.2	–	–	–	–	–	–	–	–	–	–	1.3	4.1	40-6870X	–
TI	7742	32,768	8	DIP	40	57/1F	1.1	1.1	–	–	–	11	102	–	–	–	–	1.1	–	–	–	–
Intel	8744	32,768	8	DIP	40	53/58	–	–	–	–	–	07	071	–	–	–	–	–	1.3	4.1	87XX	01.3
Intel	8744H	32,768	8	DIP	40	D5/58	2.1	2.1	–	–	1.0	13	071	1.1	MICRO	14	40	2.1	1.3	4.1	87XX	01.3
Intel	8751	32,768	8	DIP	40	53/58	1.6	1.6	–	–	1.1	07	071	–	–	07.3	40	1.6	1.3	4.1	87XX	01.3
Intel	8751BH	32,768	8	DIP	40	05A/11C	2.6	2.6	–	–	1.1	17	103	–	–	14	40	2.6	–	–	–	–
Intel	8751BH	32,768	8	DIP	40	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Intel	8751BH	32,768	8	PLCC	44	05A/11C	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–
Intel	8751BH	32,768	8	PLCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Intel	8751BH	32,768	8	PLCC	44	05A/126	–	–	2.7	3.0	1.1	18	103P	–	–	–	–	–	–	–	–	–
AMD/MMI	8751H	32,768	8	DIP	40	54/58	1.5	1.5	–	–	1.0	09	071	1.1	MICRO	14	40	1.5	1.3	4.1	87XX	01.4
Intel	8751H	32,768	8	DIP	40	D5/58	1.0	1.0	–	–	1.0	07	071	1.1	MICRO	14	40	1.0	1.3	4.1	87XX	01.3
Intel	8751H	32,768	8	JLCC	44	D5/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
AMD/MMI	8751H	32,768	8	LCC	44	54/D4	–	–	2.1	3.0	–	15	103P	–	–	–	–	–	–	–	–	01.4
Intel	8751H	32,768	8	LCC	44	D5/D4	–	–	1.4	3.0	1.2	15	103P	–	–	–	–	–	–	–	–	01.3
Signetics	87C451	32,768	8	JLCC	68	05A/147	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	87C451	32,768	8	PLCC	68	05A/147	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C51**	32,768	8	DIP	40	15A/00B	3.0	3.0	–	–	1.1	–	–	–	–	–	–	3.0	–	–	–	–
AMD/MMI	**87C51**	32,768	8	DIP	40	5A/0B	–	–	–	–	–	–	–	3.0	MICRO	–	–	–	–	–	–	04.1
AMD/MMI	**87C51**	32,768	8	DIP	40	F5A/00B	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–
AMD/MMI	**87C51**	32,768	8	DIP	40	15A/128	–	–	–	–	–	21	103	–	–	–	–	–	–	–	–	–
Intel	**87C51**	32,768	8	DIP	40	5A/0B	1.4	1.4	–	–	1.0	12	103	1.1	MICRO	14	40	1.4	1.3	4.1	87XX	01.3
Signetics	87C51	32,768	8	DIP	40	5A/0B	2.2	2.2	–	–	1.0	16	103	–	–	14	40	2.2	–	–	–	01.3
Intel	**87C51**	32,768	8	JLCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Signetics	87C51	32,768	8	JLCC	44	5A/74	–	–	2.8	3.0	1.2	20	103P	–	–	–	–	–	–	–	–	01.3

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Processor Bits	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak/2B 351B-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	288	288A	288/288A MOD-	BoardSite
AMD/MMI	**87C51**	32,768	8	LCC	44	15A/1B2	–	–	–	–	–	24	103P	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C51**	32,768	8	LCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	**87C51**	32,768	8	LCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Signetics	87C51	32,768	8	LCC	44	5A/74	–	–	2.3	3.0	1.2	19	103P	–	–	–	–	–	–	–	–	01.3
AMD/MMI	**87C51**	32,768	8	PLCC	44	15A/1B2	–	–	–	–	–	24	103P	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C51**	32,768	8	PLCC	44	15A/70B	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C51**	32,768	8	PLCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	**87C51**	32,768	8	PLCC	44	05A/70B	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C51**	32,768	8	PLCC	44	5A/74	–	–	–	–	–	14	103P	–	–	–	–	–	–	–	–	01.3
Intel	**87C51**	32,768	8	PLCC	44	5A/0B	–	–	–	–	–	–	–	–	–	19	44	–	–	–	–	01.3
Signetics	87C51	32,768	8	PLCC	44	5A/0B	–	–	–	–	–	–	–	–	–	18	44	–	–	–	–	01.3
Signetics	87C51	32,768	8	PLCC	44	5A/74	–	–	2.3	3.0	1.1	16	103P	–	–	–	–	–	–	–	–	01.3
National	880	32,768	8	DIP	40	16F/19F	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	881	32,768	8	DIP	28	16F/19E	–	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
National	884	32,768	8	DIP	28	16F/19E	–	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
National	888	32,768	8	JLCC	44	16F/19E	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	Z86E11	32,768	8	DIP	40	0F/F9	2.2	2.2	–	–	–	14	Z8	–	–	–	–	2.2	–	–	–	–
Mitsubishi Elec.	50727E	36,864	8	SDIP	42	79/33	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	50927E	36,864	8	SDIP	30	79/33	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	50746E	49,152	8	QFP	72	79/33	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	50746E	49,152	8	SDIP	64	79/33	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC705B5	49,152	8	PLCC	52	178/184	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC805B6-FN	49,664	8	PLCC	52	177/183	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	63705Z0	61,952	8	FP	80	93/EB	1.4	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	637A05Z0	61,952	8	FP	80	93/EB	1.4	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	637B05Z0	61,952	8	FP	80	93/EB	1.4	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37470E8	65,536	8	SDIP	32	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	50747E	65,536	8	QFP	72	79/33	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	50747E	65,536	8	SDIP	64	79/33	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC805C4	65,536	8	DIP	40	133/0F7	2.6	2.6	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Motorola	68HC805C4-FN	65,536	8	PLCC	44	133/7F7	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–
TI	77C82	65,536	8	PLCC	44	176/181	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–
TI	77C82NL	65,536	8	DIP	40	176/180	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	842	65,536	8	DIP	20	16F/174	–	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Zilog	86E21	65,536	8	DIP	40	139/130	2.6	2.6	–	–	1.3	–	–	–	–	–	–	2.6	–	–	–	–
Intel	8752BH	65,536	8	DIP	40	5A/0C	2.1	2.1	–	–	1.1	15	103	1.1	MICRO	14	40	2.1	1.3	4.1	87XX	01.3
Intel	8752BH	65,536	8	PLCC	44	05A/70C	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	8752BH	65,536	8	PLCC	44	5A/0E	–	–	–	–	–	15	103P	–	–	–	–	–	–	–	–	01.3
Intel	8752BH	65,536	8	PLCC	44	5A/0C	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	01.3
AMD/MMI	8753H	65,536	8	DIP	40	54/6A	1.5	1.5	–	–	1.1	07	071	1.1	MICRO	14	40	1.5	1.3	4.1	87XX	01.4
AMD/MMI	8753H	65,536	8	LCC	44	54/5B	–	–	2.1	3.0	–	15	103P	–	–	–	–	–	–	–	–	01.4
AMD/MMI	8753H	65,536	8	PLCC	44	54/5B	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
Intel	8795BH	65,536	8	DIP	48	0D8/101	–	2.7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	8796BH	65,536	8	LCC	68	D8/D5	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Intel	8797BH	65,536	8	LCC	68	D8/D5	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–	–	01.4
Intel	8797BH	65,536	8	PGA	68	0D8/15D	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–
Intel	8797BH	65,536	8	PGA	68	D8/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Intel	8798	65,536	8	DIP	48	0D8/101	–	2.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	87C452	65,536	8	PGA	68	10A/033	2.1	2.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C51FA**	65,536	8	DIP	40	5A/4F	1.4	1.4	–	–	1.0	13	103	1.1	MICRO	14	40	1.4	1.3	4.1	87XX	01.3
Intel	**87C51FA**	65,536	8	PLCC	44	05A/143	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C51FA**	65,536	8	PLCC	44	5A/4F	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	01.3
Intel	87C51GB	65,536	8	JLCC	68	192/1A3	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	87C52	65,536	8	DIP	40	05A/04F	–	–	–	–	–	23	103	–	–	–	–	–	–	–	–	–
Signetics	87C52	65,536	8	DIP	40	05A/187	3.1	3.1	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–
Signetics	87C52	65,536	8	DIP	40	5A/4F	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–
Signetics	87C52	65,536	8	JLCC	44	05A/143	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	87C52	65,536	8	PLCC	44	5A/4F	–	–	–	–	–	–	–	–	–	18	44	–	–	–	–	–
AMD/MMI	**87C521**	65,536	8	DIP	40	15A/04F	3.0	3.0	–	–	1.1	–	–	–	–	–	–	3.0	–	–	–	–
AMD/MMI	**87C521**	65,536	8	DIP	40	5A/4F	–	–	–	–	–	–	–	3.0	MICRO	–	–	–	–	–	–	04.1
AMD/MMI	**87C521**	65,536	8	DIP	40	E5A/04F	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–
AMD/MMI	**87C521**	65,536	8	DIP	40	15A/121	–	–	–	–	–	21	103	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C521**	65,536	8	LCC	44	15A/143	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C521**	65,536	8	LCC	44	15A/1B3	–	–	–	–	–	24	103P	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C521**	65,536	8	LCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**87C521**	65,536	8	PLCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**87C52T2**	65,536	8	DIP	40	15A/121	–	–	–	–	–	24	103	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C52T2**	65,536	8	LCC	44	15A/1B3	–	–	–	–	–	24	103P	–	–	–	–	–	–	–	–	–
Signetics	87C550(COM)	65,536	8	JLCC	44	05A/14E	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	87C552	65,536	8	JLCC	68	05A/148	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	Z86E21	65,536	8	DIP	40	0F/FA	2.2	2.2	–	–	–	14	Z8	–	–	–	–	2.2	–	–	–	–
Mitsubishi Elec.	37410E6FP	98,304	8	QFP	80	79/51	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37471E8	98,304	8	QFP	56	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37471E8	98,304	8	SDIP	42	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37450E8	131,072	8	QFP	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37450E8	131,072	8	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	63701Y0	131,072	8	DIP	64	93/E8	2.1	2.1	–	–	–	–	–	–	–	07	28	–	–	–	–	–
Hitachi	637A01Y0	131,072	8	DIP	64	93/E8	2.1	2.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	637B01Y0	131,072	8	DIP	64	93/E8	2.1	2.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	78CP14	131,072	8	QFP	64	71/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
NEC	78CP14	131,072	8	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
NEC	78P214	131,072	8	PLCC	68	19D/1AD	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
NEC	78P214	131,072	8	PLCC	68	71/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
NEC	78P214	131,072	8	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Intel	8797JF	131,072	8	PLCC	68	182/18A	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C51FB**	131,072	8	DIP	40	5A/73	2.6	2.6	–	–	1.0	17	103	3.0	MICRO	14	40	2.6	–	–	–	01.3
Intel	**87C51FB**	131,072	8	PLCC	44	05A/144	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C51FB**	131,072	8	PLCC	44	5A/73	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	01.3
Intel	87C54	131,072	8	DIP	40	156/199	3.3	3.3	–	–	1.4	–	–	–	–	18	40	–	–	–	–	–
AMD/MMI	**87C541**	131,072	8	DIP	40	15A/073	3.0	3.0	–	–	1.1	–	–	–	–	–	–	3.0	–	–	–	–
AMD/MMI	**87C541**	131,072	8	DIP	40	E5A/073	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–
AMD/MMI	**87C541**	131,072	8	DIP	40	5A/73	–	–	–	–	–	–	–	3.0	MICRO	–	–	–	–	–	–	04.1
AMD/MMI	**87C541**	131,072	8	DIP	40	15A/122	–	–	–	–	–	21	103	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C541**	131,072	8	LCC	44	15A/135	–	–	–	–	–	21	103P	–	–	–	–	–	–	–	–	–
AMD/MMI	**87C541**	131,072	8	LCC	44	15A/144	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–

UniSite Universal Programmer



2900 Programming System

212 Multi Programmer

ıA
10B
10B
S PLD 15B
S PLD 15B
OM 4A
ROM 4B
EPROM 3B
EPROM 5A

MICROCONTROLLERS

INDEX

MICRO CONTROLLERS

C O N T I N U E D

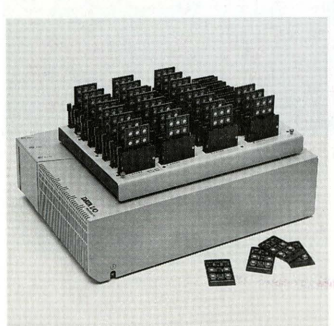
DATA SORTED BY:
Processor Bits, Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Processor Bits	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak/2B 351B-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	288	288A	288/288A MOD-	BoardSite
AMD/MMI	**87C541**	131,072	8	LCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**87C541**	131,072	8	PLCC	44	5A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	87C51FC	262,144	8	DIP	40	156/15E	3.0	3.0	–	–	1.1	21	122D	–	–	18	40	3.0	–	–	–	04.1
Intel	87C51FC	262,144	8	PLCC	44	156/15E	–	–	–	–	–	–	–	–	–	18	44	–	–	–	–	04.1
Intel	87C51FC	262,144	8	PLCC	44	156/15F	–	–	–	3.2	–	21	122P	–	–	–	–	–	–	–	–	04.1
Intel	87C75PF	262,144	8	DIP	40	112/107	2.4	2.4	–	–	1.1	17	111D	–	–	–	–	2.4	–	–	–	—
Intel	87C75PF	262,144	8	PLCC	44	112/108	–	–	2.6	3.0	1.1	17	111P	–	–	–	–	–	–	–	–	—
NEC	77P20	6,630	16	DIP	28	F77/F20	2.3	2.3	–	–	1.1	–	–	–	–	–	–	2.3	–	–	–	—
NEC	77P25	16,384	16	DIP	28	126/F21	2.4	2.4	–	–	1.1	–	–	–	–	–	–	2.4	–	–	–	—
NEC	77P25	16,384	16	PLCC	44	126/1AC	–	–	–	3.3	1.4	–	–	–	–	–	–	–	–	–	–	—
TI	320E15	65,536	16	DIP	40	13E/137	2.7	2.7	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
TI	320E15	65,536	16	JLCC	44	13E/18C	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–
TI	320E17	65,536	16	DIP	40	13E/137	2.7	2.7	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
National	46083	65,536	16	JLCC	68	03C/165	–	–	–	3.0	–	–	–	–	–	–	–	–	–	–	–	–
NEC	78P312A	65,536	16	PLCC	68	19D/1AE	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C196KB**	65,536	16	LCC	68	130/0D5	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**87C196KB**	65,536	16	PLCC	68	130/0D5	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	PAC1000	65,536	16	PGA	88	14D/14F	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37700E2	131,072	16	LCC	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	**647180X**	131,072	16	LCC	84	17A/185	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	**647180X**	131,072	16	LCC	84	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	**647180X**	131,072	16	QFP	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6473308	131,072	16	LCC	84	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6473308	131,072	16	QFP	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6475208	131,072	16	DIP	64	93/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6475208	131,072	16	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Intel	87C196KC	131,072	16	JLCC	68	166/16C	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	87C196KC	131,072	16	PGA	68	166/1B1	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	87C196KC	131,072	16	QFP	80	166/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Mitsubishi Elec.	37700E4	262,144	16	LCC	80	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	37796E4	262,144	16	PLCC	84	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6473258	262,144	16	DIP	64	93/32	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6473258	262,144	16	SDIP	64	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6475328	262,144	16	LCC	84	93/32	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	6475328	262,144	16	QFP	84	93/32	3.2	3.2	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–
NEC	77P56	262,144	16	DIP	20	14B/146	–	2.8	–	–	–	–	–	–	–	–	–	–	–	–	–	—
NEC	77P230	32,768	32	PGA	68	161/16B	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–

MEMORY CARDS

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	2900	29B/UniPak 2B	UniPak 2B/351B-	212	212/MOD-	BoardSite
Mitsubishi Plas.	0016EEBOC20	16,384	CARD	32	B7/23	V3.2	V3.2	V1.3	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0016EEBSC20	16,384	CARD	32	B7/23	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Plas.	0064EEBHN30	65,536	CARD	32	D7/98	V3.2	V3.2	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0064EEPHC25	65,536	CARD	32	C3/98	–	–	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0064EEPHC25	65,536	CARD	32	CA/A6	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Plas.	0064EP10N15	65,536	CARD	32	5C/33	V3.2	V3.2	V1.3	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0128EEBH030	131,072	CARD	32	D7/98	V3.2	V3.2	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0128EEPHD25	131,072	CARD	32	C3/98	–	–	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0128EEPHD25	131,072	CARD	32	CA/A6	V3.2	V3.2	–	–	–	–	–	–
Mitsubishi Plas.	0256EEPHC21	262,144	CARD	32	BA/99	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Plas.	0256EP1FC20	262,144	CARD	32	93/32	V3.2	V3.2	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	0512EEPHD21	524,288	CARD	32	BA/99	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Plas.	0512EP1FC22	524,288	CARD	32	4B/A4	V3.2	V3.2	–	–	–	V3.0	EPROM	–
Mitsubishi Plas.	1024EP1HC25	1,048,576	CARD	32	8F/CB	V3.2	V3.2	–	–	–	V3.0	EPROM	–
Mitsubishi Elec.	4128-F3	1,048,576	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	**4128-F4**	1,048,576	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	41M1-F2	1,048,576	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4256-F3	2,097,152	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4256-F4	2,097,152	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4257-F3	2,097,152	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4257-F4	2,097,152	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Fujitsu	98A608A	2,097,152	CARD	68	6C/CB	V3.3	V3.3	V1.4	V24	104/BD	–	–	*
Mitsubishi Elec.	4512-F3	4,194,304	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4512-F4	4,194,304	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4513-F3	4,194,304	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	4513-F4	4,194,304	CARD	50	19E/0CB	V3.3	V3.3	–	–	–	–	–	–
Mitsubishi Elec.	4513-F4	4,194,304	CARD	50	19E/OCB	–	–	V1.4	–	–	–	–	–
Fujitsu	98A609A	4,194,304	CARD	68	6C/CB	V3.3	V3.3	V1.4	V24	104/BD	–	–	*
Mitsubishi Elec.	41M0-F1	8,388,608	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	41M0-F2	8,388,608	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	41M1-F1	8,388,608	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Fujitsu	98A610A	8,388,608	CARD	68	6C/CB	V3.2	V3.2	V1.3	V24	104/BD	–	–	*
Mitsubishi Elec.	42M0-F1	16,777,216	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	**42M0-F2**	16,777,216	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	**42M1-F1**	16,777,216	CARD	60	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–
Mitsubishi Elec.	42M1-F2	16,777,216	CARD	50	19E/0CB	V3.3	V3.3	V1.4	–	–	–	–	–



BoardSite Memory Card Programming System

BOLD TYPE denotes algorithm changes

* BoardSite supports all JEIDA/PCMCIA/JEDEC 68-pin standard memory cards

FLASH MEMORIES

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Intel	27F64	65,536	DIP	28	84/33	2.1	2.1	–	–	–	15	086	–	–	–	–	–	–	2.1	–	–	–	–	–	–
Intel	**27F256**	262,144	DIP	28	0A8/109	2.2	2.2	–	–	–	15	086	–	–	2.0	EPROM	–	–	2.2	–	–	4.0	4.1	32	–
Intel	**27F256**	262,144	DIP	28	FA8/109	–	–	–	–	–	–	–	–	–	–	–	15	28	–	–	–	–	–	–	–
SGS-Thomson	28F256	262,144	DIP	32	113/10A	–	–	–	–	–	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	28F256	262,144	DIP	32	1A2/10A	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Intel	**28F256-P1**	262,144	DIP	32	113/10A	2.2	2.2	–	–	1.0	15	104/BD	–	–	2.0	EPROM	19	40	2.2	–	–	4.0	4.1	32	–
Intel	**28F256-P1**	262,144	DIP	32	186/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F256-P1**	262,144	PLCC	32	113/10A	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Intel	**28F256-P1**	262,144	PLCC	32	186/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F256-P1**	262,144	PLCC	32	113/112	–	–	2.6	3.0	1.1	17	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F256-P2**	262,144	DIP	32	0A8/10A	2.2	2.2	–	–	–	15	104/BD	–	–	2.0	EPROM	19	40	2.2	–	–	4.0	4.1	32	–
Intel	**28F256-P2**	262,144	DIP	32	A8/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Intel	**28F256-P2**	262,144	PLCC	32	0A8/10A	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Intel	**28F256-P2**	262,144	PLCC	32	0A8/112	–	–	2.4	3.0	–	17	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F256-P2**	262,144	PLCC	32	A8/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Intel	**28F256A**	262,144	DIP	32	135/10A	–	–	–	–	–	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F256A**	262,144	DIP	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F256A**	262,144	DIP	32	186/10A	3.2	3.2	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Intel	**28F256A**	262,144	PLCC	32	135/112	–	–	–	–	–	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F256A**	262,144	PLCC	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F256A**	262,144	PLCC	32	186/10A	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Intel	**28F256A**	262,144	PLCC	32	186/112	–	–	3.2	3.2	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	29C256	262,144	DIP	28	0BA/13A	3.0	3.0	–	–	1.0	20	086	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Atmel	29C256	262,144	DIP	28	BA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Atmel	29C256	262,144	DIP	28	15B/13A	–	–	–	–	–	–	–	–	–	–	–	15	28	–	–	–	–	–	–	–
Atmel	29C256	262,144	PLCC	32	0BA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
TI	29F256	262,144	DIP	28	13F/13A	2.7	2.7	–	–	1.1	–	–	–	–	–	–	14	28	2.7	–	–	–	–	–	–
Toshiba	58257A	262,144	DIP	28	117/032	2.3	2.3	–	–	1.0	17	086	–	–	2.0	EPROM	–	–	2.3	–	–	5.0	5.0	32	–
Toshiba	58257A	262,144	DIP	28	117/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
Toshiba	97208	262,144	DIP	32	181/18B	3.2	3.2	–	–	1.2	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Toshiba	97208	262,144	DIP	32	18D/198	–	–	–	–	–	23	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Toshiba	97218	262,144	DIP	32	181/18B	3.2	3.2	–	–	1.2	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Toshiba	97218	262,144	DIP	32	18D/18B	–	–	–	–	–	23	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	28F512	524,288	DIP	32	135/117	2.7	2.7	–	–	1.0	20	104/BD	–	–	–	–	14	40	2.7	–	–	–	–	–	04.1
Intel	**28F512**	524,288	DIP	32	135/117	–	–	–	–	–	19	104/BD	–	–	–	–	–	–	2.6	–	–	–	–	–	–
Intel	**28F512**	524,288	DIP	32	186/117	3.2	3.2	–	–	1.1	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.2
AMD/MMI	28F512	524,288	LCC	32	135/129	–	–	3.1	3.1	1.2	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	28F512	524,288	PLCC	32	135/117	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.1
AMD/MMI	28F512	524,288	PLCC	32	135/129	–	–	3.1	3.1	1.1	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	**28F512**	524,288	PLCC	32	135/129	–	–	–	–	–	19	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F512**	524,288	PLCC	32	186/117	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.2
Intel	**28F512**	524,288	PLCC	32	186/129	–	–	3.2	3.2	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F512**	524,288	SO	32	186/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
SEEQ	47F512	524,288	DIP	32	147/10B	2.8	2.8	–	–	1.1	20	104/BD	–	–	–	–	15	40	2.8	–	–	–	–	–	04.3
SEEQ	47F512	524,288	PLCC	32	147/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
National	48F512	524,288	DIP	32	10F/10B	2.8	2.8	–	–	1.1	18	104/BD	–	–	–	–	15	40	2.8	–	–	–	–	–	–
SEEQ	**48F512**	524,288	DIP	32	10F/10B	2.8	2.8	–	–	1.0	20	104/BD	–	–	2.0	EPROM	15	40	2.8	–	–	4.0	4.1	32	04.3
SEEQ	**48F512**	524,288	PLCC	32	10F/10B	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.3
SEEQ	**48F512**	524,288	PLCC	32	10F/11E	–	–	2.8	3.0	1.1	18	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	28F010	1,048,576	DIP	32	135/118	3.0	3.0	–	–	1.1	21	104/BD	–	–	–	–	15	40	3.0	–	–	–	–	–	04.3
Intel	**28F010**	1,048,576	DIP	32	135/118	–	–	–	–	1.0	19	104/BD	–	–	2.0	EPROM	–	–	2.6	–	–	–	–	–	–
Intel	**28F010**	1,048,576	DIP	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
AMD/MMI	28F010	1,048,576	LCC	32	135/12A	–	–	3.1	3.1	1.2	23	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	28F010	1,048,576	PLCC	32	135/118	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.3
AMD/MMI	28F010	1,048,576	PLCC	32	135/12A	–	–	3.1	3.1	1.1	23	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	**28F010**	1,048,576	PLCC	32	135/12A	–	–	–	–	1.1	19	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F010**	1,048,576	PLCC	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F010-P1**	1,048,576	SO	32	186/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F010-P1**	1,048,576	TSOP	32	186/118	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Hitachi	29C101	1,048,576	DIP	32	19A/1AA	–	–	–	–	–	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	**47F010**	1,048,576	DIP	32	147/10C	3.0	3.0	–	–	1.1	–	–	–	–	–	–	15	40	3.0	–	–	–	–	–	04.3
SEEQ	**47F010**	1,048,576	PLCC	32	147/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
National	48F010	1,048,576	DIP	32	10F/10C	–	–	–	–	–	18	104/BD	–	–	–	–	15	40	–	–	–	–	–	–	–
SEEQ	**48F010**	1,048,576	DIP	32	10F/10C	2.8	2.8	–	–	1.0	20	104/BD	–	–	2.0	EPROM	15	40	2.8	–	–	4.0	4.1	32	04.3
Signetics	**48F010**	1,048,576	DIP	32	10F/10C	3.1	3.1	–	–	–	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	**48F010**	1,048,576	DIP	32	18B/10C	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	04.3
SEEQ	**48F010**	1,048,576	PLCC	32	10F/10C	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.3
SEEQ	**48F010**	1,048,576	PLCC	32	10F/15A	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
SEEQ	**48F010**	1,048,576	PLCC	32	10F/11F	–	–	–	–	–	23	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Signetics	48F010	1,048,576	PLCC	32	10F/11F	–	–	–	–	–	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	48F010	1,048,576	PLCC	32	10F/15A	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	48F010	1,048,576	PLCC	32	18B/10C	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	04.3
Intel	**28F020**	2,097,152	DIP	32	135/170	–	–	–	–	1.2	23	104BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F020**	2,097,152	DIP	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F020**	2,097,152	DIP	32	186/170	3.2	3.2	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Intel	**28F020**	2,097,152	PLCC	32	135/177	–	–	–	–	1.2	23	104BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F020**	2,097,152	PLCC	32	186/177	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	**28F020**	2,097,152	PLCC	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	**28F020**	2,097,152	PLCC	32	186/170	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Intel	**28F020**	2,097,152	SO	32	18C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2

BoardSite In-Circuit Programmers

2900 Programming System

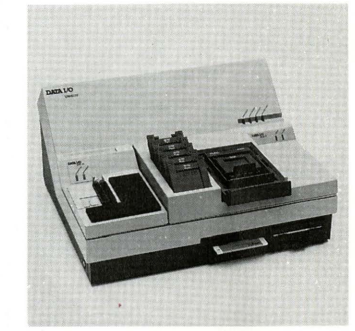
EPROMs

DATA SORTED BY:
Array, Device, Package, Manufacturer

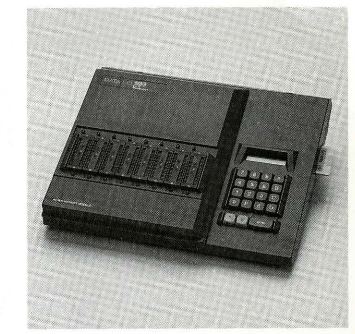
Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Intel	2704	4,096	DIP	24	21/26	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
Fairchild	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
Intel	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
Mitsubishi Elec.	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
Motorola	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
National	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
OKI	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.8	–	–	–	–	–
TI	2708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
TI	2758	8,192	DIP	24	19/22	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	01
TI	2758	8,192	DIP	24	F19/022	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	2758A	8,192	DIP	24	19/22	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
National	2758A	8,192	DIP	24	F19/022	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	2758B	8,192	DIP	24	19/35	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	07	2.0	4.1	32	01
National	2758B	8,192	DIP	24	F19/035	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
TI	27L08	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
Mikroelektronik	555	8,192	DIP	24	21/27	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68708	8,192	DIP	24	21/27	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	9708	8,192	DIP	24	21/27	2.1	2.1	–	–	–	07	–	–	–	–	–	–	–	2.1	2.8	–	–	–	–	–
TI	2516	16,384	DIP	24	BD/23	2.0	2.0	–	–	1.1	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	05	1.0	4.1	32	01
TI	2516	16,384	DIP	24	FBD/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	2716	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
Intel	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Mikroelektronik	2716	16,384	DIP	24	19/23	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mikroelektronik	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Mitsubishi Elec.	2716	16,384	DIP	24	19/23	2.2	2.2	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.2	2.2	02	1.0	4.1	32	01
Mitsubishi Elec.	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Mostek	2716	16,384	DIP	24	19/23	–	–	–	–	–	07	–	–	–	1.1	EPROM	–	–	–	–	01	1.0	4.1	32	01
Mostek	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	2716	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
National	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
NEC	2716	16,384	DIP	24	19/23	3.2	3.2	–	–	–	07	–	13	005	1.1	EPROM	–	–	–	3.2	01	1.0	4.1	32	01
NEC	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
OKI	2716	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
OKI	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
SGS-Thomson	2716	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
SGS-Thomson	2716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
AMD/MMI	2716B	16,384	DIP	24	C2/23	2.5	2.5	–	–	1.0	11	–	–	–	1.1	EPROM	–	–	2.5	2.5	07	2.0	4.1	32	03
AMD/MMI	2716B	16,384	DIP	24	FC2/023	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	–	–	–	–	–
AMD/MMI	2716B	16,384	PLCC	32	C2/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
National	27C16	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	05	1.0	4.1	32	01
National	27C16	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
SGS-Thomson	27C16	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	08	2.0	4.1	32	01
SGS-Thomson	27C16	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	27C16B	16,384	DIP	24	5C/23	2.7	2.7	–	–	1.0	16	–	–	–	–	–	–	–	2.7	–	–	–	–	–	01.1
National	27C16B	16,384	DIP	24	E5E/023	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
National	27C16B	16,384	DIP	24	5D/23	–	–	–	–	–	–	–	13	005	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	–
National	27C16H	16,384	DIP	24	BD/23	2.0	2.0	–	–	1.1	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	05	1.0	4.1	32	01
National	27C16H	16,384	DIP	24	FBD/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Hitachi	462716	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	01
Hitachi	462716	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intersil	6716	16,384	DIP	24	59/64	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	8516	16,384	DIP	24	19/23	2.0	2.0	–	–	1.0	08	–	13	005	1.1	EPROM	–	–	2.0	2.8	08	1.0	4.1	32	01
Fujitsu	8516	16,384	DIP	24	F19/023	–	–	–	–	–	–	–	–	–	–	–	09	28	–	–	–	–	–	–	–
Motorola	TMS2716	16,384	DIP	24	23/28	2.5	2.5	–	–	–	07	–	–	–	–	–	–	–	2.5	2.5	–	–	–	–	–
National	2532	32,768	DIP	24	19/25	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
SGS-Thomson	2532	32,768	DIP	24	19/25	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
TI	2532	32,768	DIP	24	BD/25	1.1	1.1	–	–	1.1	07	–	–	–	1.1	EPROM	01	28	1.1	2.0	05	1.0	4.1	32	01
TI	2532A	32,768	DIP	24	63/25	1.5	1.5	–	–	1.1	12	–	–	–	1.1	EPROM	01	28	1.5	2.0	07	2.0	4.1	32	01
AMD/MMI	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Fujitsu	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Intel	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Mikroelektronik	2732	32,768	DIP	24	19/24	–	–	–	–	–	22	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Mitsubishi Elec.	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	02	1.0	4.1	32	01
National	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
NEC	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
SGS-Thomson	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
TI	2732	32,768	DIP	24	BD/24	1.2	1.2	–	–	1.1	07	–	–	–	1.1	EPROM	01	28	1.2	2.0	01	1.0	4.1	32	01
Toshiba	2732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Fujitsu	2732A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	08	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Intel	2732A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	07	–	13	005	–	–	01	28	2.0	2.0	01	–	–	–	01
Intel	2732A	32,768	DIP	24	4D/24	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
NEC	2732A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
SGS-Thomson	2732A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	13	–	13	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
TI	2732A-HS	32,768	DIP	24	63/24	1.6	1.6	–	–	1.1	07	–	–	–	1.1	EPROM	01	28	1.6	2.0	05	2.0	4.1	32	01
AMD/MMI	2732B	32,768	DIP	24	C2/24	2.5	2.5	–	–	1.0	11	–	–	–	1.1	EPROM	07	28	2.5	2.5	07	2.0	4.1	32	03
AMD/MMI	2732B	32,768	PLCC	32	C2/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
National	27C32	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Ricoh	27C32	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	11	–	13	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
SGS-Thomson	27C32	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	11	–	13	005	1.1	EPROM	09	28	2.0	2.8	08	2.0	4.1	32	01
TI	27C32	32,768	DIP	24	116/024	2.3	2.3	–	–	1.0	17	–	–	–	2.0	EPROM	14	28	2.3	2.3	–	3.0	4.1	32	01.2
Fujitsu	27C32A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	08	–	–	–	1.1	EPROM	01	28	2.0	–	–	1.0	4.1	32	01
National	27C32B	32,768	DIP	24	5C/24	2.7	2.7	–	–	1.0	16	–	–	–	–	–	–	–	2.7	2.7	–	–	–	–	01.1
National	27C32B	32,768	DIP	24	5D/24	–	–	–	–	–	–	–	13	005	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
National	27C32B	32,768	DIP	24	F5E/024	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
National	27C32H	32,768	DIP	24	BD/24	1.3	1.3	–	–	1.1	07	–	–	–	1.1	EPROM	01	28	1.3	2.0	04	1.0	4.1	32	01
TI	27P32A	32,768	DIP	24	63/24	1.5	1.5	–	–	1.1	13	–	–	–	1.1	EPROM	01	28	1.5	2.0	08	1.2	4.1	32	01
TI	27PC32	32,768	DIP	24	116/024	2.3	2.3	–	–	1.0	–	–	–	–	2.0	EPROM	–	–	2.3	2.3	–	–	–	–	01.2
Hitachi	462532	32,768	DIP	24	19/25	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Hitachi	462732	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Hitachi	482732A	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	07	–	13	005	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Ricoh	5H32	32,768	DIP	24	27/24	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	01	1.0	4.1	32	01
Motorola	68732-0	32,768	DIP	24	25/44	–	–	–	–	–	14	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	68732-1	32,768	DIP	24	25/45	–	–	–	–	–	14	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	8532	32,768	DIP	24	19/24	2.0	2.0	–	–	1.0	08	–	–	–	1.1	EPROM	–	–	2.0	–	–	1.2	4.1	32	–
Rockwell	87C32	32,768	DIP	24	27/24	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	01	1.0	4.1	32	01.1

BOLD TYPE denotes algorithm changes

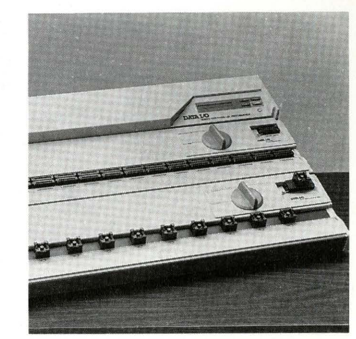
Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
AMD/MMI	9732	32,768	DIP	24	19/24	–	–	–	–	–	07	–	–	–	1.1	EPROM	–	–	–	–	01	1.0	4.1	32	–
Intel	P2732A	32,768	DIP	24	4D/24	2.0	2.0	–	–	–	07	–	–	–	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	–
Toshiba	2464	65,536	DIP	28	45/33	2.0	2.0	–	–	1.0	–	–	10	005	1.1	EPROM	01	28	2.0	2.0	–	1.0	4.1	32	01.4
Toshiba	2464	65,536	DIP	28	79/33	–	–	–	–	–	11	086	–	–	–	–	–	–	–	–	07	–	–	–	–
Toshiba	2464	65,536	FP	28	45/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Toshiba	2464A	65,536	DIP	28	5C/33	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Toshiba	2464A	65,536	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
TI	2564	65,536	DIP	28	BD/30	1.1	1.1	–	–	1.1	07	086	–	–	1.1	EPROM	01	28	1.1	2.0	05	1.0	4.1	32	01.4
Fujitsu	2764	65,536	DIP	28	45/33	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01.4
Intel	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Matsushita	2764	65,536	DIP	28	79/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	01	28	–	–	–	1.0	4.1	32	01
Mitsubishi Elec.	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	02	1.0	4.1	32	01
NEC	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
OKI	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	11	086	13	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
SEEQ	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	07	28	2.0	2.0	05	1.0	4.1	32	01
SGS-Thomson	2764	65,536	DIP	28	79/33	2.2	2.2	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.2	2.2	07	1.0	4.1	32	01
TI	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Toshiba	2764	65,536	DIP	28	45/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Toshiba	2764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	11	086	–	–	–	–	01	28	2.0	2.0	02	–	–	–	01
AMD/MMI	2764A	65,536	DIP	28	C1/33	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.1	2.1	05	1.0	4.1	32	01
Catalyst	2764A	65,536	DIP	28	5C/33	2.2	2.2	–	–	1.0	16	086	13	005	2.0	EPROM	12	28	2.2	2.2	–	–	–	–	01.1
Intel	2764A	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.1	2.1	01	1.0	4.1	32	01
OKI	2764A	65,536	DIP	28	5C/33	2.2	2.2	–	–	1.0	15	086	13	005	1.1	EPROM	11	28	2.2	–	–	3.0	4.1	32	01
SGS-Thomson	2764A	65,536	DIP	28	93/33	–	–	–	–	–	11	086	10	005	1.1	EPROM	07	28	–	–	07	1.0	4.1	32	01
Toshiba	2764A	65,536	DIP	28	5C/33	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
AMD/MMI	2764A	65,536	PLCC	32	C1/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Catalyst	2764A	65,536	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Catalyst	2764A	65,536	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Intel	2764A-M+	65,536	DIP	28	121/033	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
AMD/MMI	2764AP	65,536	DIP	28	D6/33	1.5	1.5	–	–	1.0	13	086	–	–	1.1	EPROM	11	28	1.5	2.0	07	2.0	4.1	32	01
AMD/MMI	2764AP	65,536	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	27C64	65,536	DIP	28	11D/033	–	–	–	–	1.0	–	–	–	–	–	–	–	–	2.5	–	–	–	–	–	–
AMD/MMI	27C64	65,536	DIP	28	D6/33	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	3.2	–	–	–	–	04.3
AMD/MMI	27C64	65,536	DIP	28	B5C/033	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
AMD/MMI	27C64	65,536	DIP	28	5C/33	–	–	–	–	–	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	27C64	65,536	DIP	28	45/33	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01.4
Hitachi	27C64	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Hyundai	27C64	65,536	DIP	28	F8/33	1.6	1.6	–	–	1.0	13	086	–	–	1.1	EPROM	08	28	1.6	2.8	08	2.0	4.1	32	–
Intel	27C64	65,536	DIP	28	5C/33	–	–	–	–	–	18	086	14	005	–	–	17	28	–	–	–	–	–	–	–
Intel	27C64	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	–	–	–	–	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Microchip	**27C64**	65,536	DIP	28	115/033	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Microchip	**27C64**	65,536	DIP	28	5C/33	–	–	–	–	–	–	–	14	005	–	–	–	–	–	–	08	–	–	–	01
Microchip	**27C64**	65,536	DIP	28	93/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	**27C64**	65,536	DIP	28	187/033	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
National	27C64	65,536	DIP	28	5D/33	1.7	1.7	–	–	1.0	07	086	13	005	1.1	EPROM	01	28	1.7	2.0	07	1.0	4.1	32	01.2
Ricoh	27C64	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	06	28	2.0	2.0	07	1.0	4.1	32	01
SGS-Thomson	27C64	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	11	28	2.1	2.1	07	1.2	4.1	32	01
TI	27C64	65,536	DIP	28	115/033	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	14	28	2.2	2.8	–	3.0	4.1	32	01.2
TI	27C64	65,536	DIP	28	93/33	–	–	–	–	–	13	086	13	005	–	–	–	–	–	–	08	–	–	–	–
VLSI	27C64	65,536	DIP	28	5D/33	1.7	1.7	–	–	1.0	11	086	13	005	1.1	EPROM	06	28	1.7	2.0	06	1.0	4.1	32	01.2
Waferscale	27C64	65,536	DIP	28	3C/33	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	2.0	4.1	32	–
Waferscale	27C64	65,536	DIP	28	5C/33	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	08	–	–	–	–
AMD/MMI	27C64	65,536	LCC	32	5C/C1	–	–	–	–	–	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C64	65,536	LCC	32	D6/C1	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Fujitsu	27C64	65,536	LCC	32	45/C1	–	–	3.0	3.0	1.2	20	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	**27C64**	65,536	LCC	32	115/0C1	–	–	3.1	3.1	1.2	22	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C64**	65,536	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	27C64	65,536	PLCC	32	5C/C1	–	–	–	–	–	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C64	65,536	PLCC	32	B5C/033	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	–
AMD/MMI	27C64	65,536	PLCC	32	D6/C1	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	27C64	65,536	PLCC	32	5C/33	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Intel	27C64	65,536	PLCC	32	5C/C1	–	–	2.1	3.0	1.1	09	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C64	65,536	PLCC	32	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27C64**	65,536	PLCC	32	115/0C1	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C64**	65,536	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27C64**	65,536	PLCC	32	187/033	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SGS-Thomson	27C64	65,536	PLCC	32	93/C1	–	–	2.1	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C64	65,536	SO	28	45/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	**27C64**	65,536	SO	28	115/833	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C64**	65,536	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Intel	27C64-M+	65,536	DIP	28	121/033	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
Panasonic	27C64A	65,536	DIP	28	171/033	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	–
Panasonic	27C64A	65,536	DIP	28	5C/33	3.0	3.0	–	–	1.1	22	086	–	–	–	–	–	–	3.0	–	–	–	–	–	04.1
SGS-Thomson	27C64A	65,536	DIP	28	93/33	3.0	3.0	–	–	1.1	21	086	–	–	–	–	16	28	3.0	–	–	–	–	–	–
Signetics	27C64A	65,536	DIP	28	5C/33	2.2	2.2	–	–	1.0	16	086	14	005	–	–	–	–	2.2	2.2	08	5.0	5.0	32	01
Signetics	27C64A	65,536	DIP	28	93/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Signetics	27C64A	65,536	DIP	28	B5C/033	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–
Signetics	27C64A	65,536	PLCC	32	5C/C1	–	–	2.5	3.0	1.1	18	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Signetics	27C64A	65,536	PLCC	32	B5C/033	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
National	27C64B	65,536	DIP	28	5C/33	2.3	2.3	–	–	1.0	19	086	14	005	–	–	–	–	2.3	2.3	–	–	–	–	01.1
National	27C64B	65,536	DIP	28	F5E/033	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
National	27C64B	65,536	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Waferscale	**27C64F**	65,536	DIP	28	3C/33	2.0	2.0	–	–	1.0	12	086	–	–	1.1	EPROM	07	28	2.0	2.0	–	2.0	4.1	32	02
Waferscale	**27C64F**	65,536	LCC	32	3C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
SMOS	27C64H	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Waferscale	**27C64L**	65,536	DIP	28	11B/033	3.0	3.0	–	–	1.1	21	086	–	–	3.0	EPROM	15	28	3.0	–	–	–	–	–	04.1
Waferscale	**27C64L**	65,536	JLCC	32	11B/0C1	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C64L**	65,536	LCC	32	11B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C64L**	65,536	PLCC	32	11B/033	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.1
Waferscale	**27C64L**	65,536	PLCC	32	11B/0C1	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Atmel	27HC64	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	07	28	2.1	2.1	07	1.0	4.1	32	01
Microchip	**27HC64**	65,536	DIP	28	115/033	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Microchip	**27HC64**	65,536	DIP	28	187/033	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Microchip	**27HC64**	65,536	DIP	28	5C/33	–	–	–	–	–	–	–	13	005	–	–	–	–	–	–	08	–	–	–	01
Microchip	**27HC64**	65,536	DIP	28	93/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Atmel	27HC64	65,536	LCC	32	093/733	–	–	2.4	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–



UniSite Universal Programmer



288A Multi Programmer



Series 1000 Parallel Programmers

MEMORY CARDS

FLASH MEMORIES/EPROMS

EPROMs

C O N T I N U E D

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Atmel	27HC64	65,536	LCC	32	93/C1	–	–	–	–	–	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27HC64**	65,536	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Atmel	27HC64	65,536	PLCC	32	093/733	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27HC64	65,536	PLCC	32	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27HC64**	65,536	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Atmel	27HC642	65,536	DIP	24	90/67	2.0	2.0	–	–	1.0	11	–	13	005	1.1	EPROM	17	28	2.0	2.8	08	3.0	4.1	32	04.2
NEC	**27HC65**	65,536	DIP	24	154/067	2.8	2.8	–	–	1.1	–	–	–	–	–	–	–	–	2.8	–	–	–	–	–	–
TI	27P64	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	–	–	–	–	1.1	EPROM	01	28	2.0	2.0	–	1.0	4.1	32	01
TI	27PC64	65,536	DIP	28	115/033	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	14	28	2.2	2.2	–	3.0	4.1	32	01.2
Hitachi	482764	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	02	1.0	4.1	32	01
SEEQ	5133	65,536	DIP	28	79/33	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	07	28	2.0	2.0	05	1.0	4.1	32	01
Sharp	5762	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.1	2.1	08	3.0	4.1	32	01
Sharp	5762	65,536	FP	44	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Sharp	5763	65,536	DIP	28	93/33	2.1	2.1	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.1	2.1	08	2.0	4.1	32	01
Sharp	5764	65,536	DIP	28	3B/33	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	07	–	–	–	–
Sharp	5764	65,536	DIP	28	5C/33	2.0	2.0	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.0	2.0	–	2.0	4.1	32	01
Sharp	5764	65,536	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Waferscale	**57C64F**	65,536	DIP	28	3C/33	2.0	2.0	–	–	1.3	12	086	–	–	1.1	EPROM	01	28	2.0	2.0	07	2.0	4.1	32	02
Waferscale	**57C64F**	65,536	LCC	32	3C/C1	–	–	2.4	3.0	1.3	17	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**57C65**	65,536	DIP	40	2C/E7	2.0	2.0	–	–	1.3	12	095	–	–	1.1	EPROM	16	40	2.0	–	–	2.0	4.1	40	02
Waferscale	**57C65**	65,536	JLCC	44	2C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**57C65**	65,536	LCC	44	02C/124	–	–	2.5	3.0	1.3	19	095P	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	**57C65**	65,536	LCC	44	2C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
GoldStar	57HC64	65,536	DIP	24	2B/67	2.2	2.2	–	–	–	14	–	–	–	–	–	12	28	2.2	2.2	08	–	–	–	–
Motorola	68764	65,536	DIP	24	25/29	1.7	1.7	–	–	1.0	14	–	–	–	1.1	EPROM	12	28	1.7	2.0	07	1.0	4.1	32	–
Motorola	68766	65,536	DIP	24	25/29	1.7	1.7	–	–	1.0	14	–	–	–	1.1	EPROM	12	28	1.7	2.0	07	1.0	4.1	32	–
Motorola	68769	65,536	DIP	24	25/29	–	–	–	–	–	14	–	–	–	1.1	EPROM	12	28	–	–	–	1.0	4.1	32	–
Ricoh	687C64	65,536	DIP	24	D9/29	1.0	1.0	–	–	1.1	11	–	–	–	–	–	01	28	1.0	–	–	–	–	–	–
Intel	87C64	65,536	DIP	28	5C/3A	–	–	–	–	–	18	086	14	005	–	–	–	–	–	–	–	–	–	–	–
Intel	87C64	65,536	DIP	28	93/3A	2.1	2.1	–	–	1.0	–	–	–	–	1.1	EPROM	01	28	2.1	2.1	07	2.0	4.1	32	–
Rockwell	87C64	65,536	DIP	28	35/33	1.0	1.0	–	–	–	–	–	–	–	–	–	–	–	1.0	2.8	–	–	–	–	–
Rockwell	87C64	65,536	DIP	28	79/33	–	–	–	–	–	07	086	–	–	1.1	EPROM	06	28	–	–	01	1.0	4.1	32	01.1
Intel	87C64	65,536	PLCC	32	5C/C7	–	–	2.3	3.0	1.1	09	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	87C64	65,536	PLCC	32	93/3A	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Intel	P2764A	65,536	DIP	28	5C/33	2.0	2.0	–	–	1.0	09	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Intel	P27C64	65,536	DIP	28	5C/33	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	01.1
Intel	P87C64	65,536	DIP	28	5C/3A	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	2.0	4.1	32	–
Toshiba	24128	131,072	DIP	28	45/51	2.0	2.0	–	–	1.0	–	–	10	005	1.1	EPROM	01	28	2.0	2.0	–	1.0	4.1	32	01.4
Toshiba	24128	131,072	DIP	28	79/51	–	–	–	–	–	11	086	–	–	–	–	–	–	–	–	07	–	–	–	–
Toshiba	24128	131,072	FP	28	45/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Toshiba	24128A	131,072	DIP	28	5C/51	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Toshiba	24128A	131,072	FP	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Toshiba	24128A	131,072	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27128	131,072	DIP	28	45/51	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01.4
Intel	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Matsushita	27128	131,072	DIP	28	79/51	–	–	–	–	–	–	–	–	–	1.1	EPROM	01	28	–	–	–	1.0	4.1	32	01
Mitsubishi Elec.	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	02	1.0	4.1	32	01
NEC	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
OKI	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
SEEQ	27128	131,072	DIP	28	79/51	2.2	2.2	–	–	1.0	07	086	10	005	1.1	EPROM	07	28	2.2	2.2	07	1.0	4.1	32	01
TI	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Toshiba	27128	131,072	DIP	28	45/51	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Toshiba	27128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	11	086	–	–	–	–	01	28	2.0	2.0	02	–	–	–	01
AMD/MMI	27128A	131,072	DIP	28	C1/51	1.7	1.7	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	1.7	2.1	05	1.0	4.1	32	01
Catalyst	27128A	131,072	DIP	28	5C/51	2.2	2.2	–	–	1.0	16	086	13	005	2.0	EPROM	12	28	2.2	2.2	–	3.0	4.1	32	01.1
Hitachi	27128A	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.1	2.1	07	1.0	4.1	32	01
Intel	27128A	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.1	2.1	01	1.0	4.1	32	01
OKI	27128A	131,072	DIP	28	5C/51	2.7	2.7	–	–	1.0	15	086	13	005	–	–	11	28	2.7	2.7	–	5.0	5.0	32	01
OKI	27128A	131,072	DIP	28	93/51	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	08	–	–	–	–
SGS-Thomson	27128A	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	09	28	2.1	2.1	08	1.0	4.1	32	01
TI	27128A	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	11	086	–	–	1.1	EPROM	01	28	2.1	2.1	07	1.0	4.1	32	01
Toshiba	27128A	131,072	DIP	28	5C/51	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
AMD/MMI	27128A	131,072	PLCC	32	C1/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Catalyst	27128A	131,072	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Catalyst	27128A	131,072	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Intel	27128A-M+	131,072	DIP	28	121/051	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
AMD/MMI	27128AP	131,072	DIP	28	D6/51	1.7	1.7	–	–	1.0	13	086	–	–	1.1	EPROM	11	28	1.7	2.0	07	2.0	4.1	32	01
Intel	27128B	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	13	086	11	005	1.1	EPROM	12	28	2.1	2.1	–	1.2	4.1	32	01.1
Intel	27128B	131,072	PLCC	32	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
SMOS	27128H	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
AMD/MMI	**27C128**	131,072	DIP	28	05C/051	–	–	–	–	–	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C128**	131,072	DIP	28	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	**27C128**	131,072	DIP	28	B5C/051	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
AMD/MMI	**27C128**	131,072	DIP	28	11D/051	–	–	–	–	1.0	–	–	–	–	2.0	EPROM	–	–	2.5	–	–	4.0	4.1	32	–
AMD/MMI	**27C128**	131,072	DIP	28	0D6/051	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	3.2	–	–	–	–	–
Fujitsu	27C128	131,072	DIP	28	45/51	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01.4
Intel	27C128	131,072	DIP	28	5C/51	2.0	2.0	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.0	2.8	08	1.2	4.1	32	01
Microchip	**27C128**	131,072	DIP	28	115/051	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Microchip	**27C128**	131,072	DIP	28	5C/51	–	–	–	–	–	–	–	13	005	–	–	–	–	–	–	08	–	–	–	01
Microchip	**27C128**	131,072	DIP	28	93/51	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	**27C128**	131,072	DIP	28	187/051	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Mitsubishi Elec.	27C128	131,072	DIP	28	77/51	–	–	–	–	–	13	086	10	005	–	–	07.3	28	–	–	–	–	–	–	–
Mitsubishi Elec.	27C128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	–	–	–	–	1.1	EPROM	–	–	2.0	2.0	06	1.0	4.1	32	–
National	27C128	131,072	DIP	28	5D/51	–	–	–	–	–	07	086	–	–	1.1	EPROM	01	28	–	–	–	1.0	4.1	32	01.2
TI	27C128	131,072	DIP	28	115/051	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	14	28	2.2	2.2	–	4.0	4.1	32	01.2
TI	27C128	131,072	DIP	28	93/51	–	–	–	–	–	09	086	10	005	–	–	–	–	–	–	07	–	–	–	–
VLSI	27C128	131,072	DIP	28	5D/51	–	–	–	–	–	11	086	10	005	1.1	EPROM	06	28	–	–	–	1.0	4.1	32	01.2
VLSI	27C128	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	–	–	–	–	–	–	–	–	2.1	2.1	–	–	–	–	–
AMD/MMI	**27C128**	131,072	LCC	32	5C/C2	–	–	–	–	–	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C128**	131,072	LCC	32	D6/C2	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Fujitsu	27C128	131,072	LCC	32	45/C2	–	–	2.7	3.0	1.2	20	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	**27C128**	131,072	LCC	32	115/0C2	–	–	3.1	3.1	1.2	22	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C128**	131,072	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	**27C128**	131,072	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	27C128	131,072	PLCC	32	5C/51	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01
Intel	27C128	131,072	PLCC	32	5C/C2	–	–	2.6	3.0	1.1	19	099	–	–	–	–	–	–	–	–	–	–	–	–	01

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Microchip	**27C128**	131,072	PLCC	32	115/0C2	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C128**	131,072	PLCC	32	187/051	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Microchip	**27C128**	131,072	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
TI	27C128	131,072	PLCC	32	115/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Microchip	**27C128**	131,072	SO	28	115/852	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C128**	131,072	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
National	27C128B	131,072	DIP	28	5C/51	2.6	2.6	–	–	1.0	–	–	–	–	–	–	–	–	2.6	3.0	–	–	–	–	01.1
National	27C128B	131,072	DIP	28	F5E/051	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
National	27C128B	131,072	DIP	28	E8/51	–	–	–	–	–	17	086	–	–	–	–	–	–	–	–	–	–	–	–	–
National	27C128B	131,072	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Waferscale	**27C128F**	131,072	DIP	28	3C/51	2.0	2.0	–	–	1.0	12	086	–	–	1.1	EPROM	07	28	2.0	2.0	07	2.0	4.1	32	02
Waferscale	**27C128F**	131,072	LCC	32	3C/C2	–	–	2.4	3.0	1.2	17	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**27C128L**	131,072	DIP	28	11B/051	3.0	3.0	–	–	1.1	21	086	–	–	3.0	EPROM	15	28	3.0	3.0	–	5.0	5.0	32	04.1
Waferscale	**27C128L**	131,072	JLCC	32	11B/051	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.1
Waferscale	**27C128L**	131,072	JLCC	32	11B/0C2	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C128L**	131,072	LCC	32	11B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C128L**	131,072	PLCC	32	11B/051	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.1
Waferscale	**27C128L**	131,072	PLCC	32	11B/0C2	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
National	27CP128	131,072	DIP	28	5D/BB	1.7	1.7	–	–	1.0	07	086	–	–	1.1	EPROM	05	28	1.7	2.0	07	1.0	4.1	32	01.2
TI	27PC128	131,072	DIP	28	115/051	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	14	28	2.2	2.2	–	3.0	4.1	32	01.2
TI	27PC128	131,072	DIP	28	93/51	–	–	–	–	–	14	086	13	005	–	–	–	–	–	–	08	–	–	–	–
TI	27PC128	131,072	PLCC	32	115/051	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.2
TI	27PC128	131,072	PLCC	32	115/0C2	–	–	2.2	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Hitachi	4827128	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	02	1.0	4.1	32	01
SEEQ	5143	131,072	DIP	28	79/51	2.0	2.0	–	–	1.0	07	086	–	–	1.1	EPROM	07	28	2.0	2.0	05	1.0	4.1	32	01
Sharp	57126	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	13	086	10	005	–	–	08	28	2.1	2.1	08	–	–	–	01
Sharp	57127	131,072	DIP	28	93/51	2.1	2.1	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.1	2.1	08	3.0	4.1	32	01
Sharp	57128	131,072	DIP	28	5C/51	2.0	2.0	–	–	1.0	13	086	10	005	1.1	EPROM	08	28	2.0	2.8	–	3.0	4.1	32	01
Sharp	57128	131,072	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Waferscale	**57C128**	131,072	DIP	28	3C/51	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	–
Waferscale	**57C128F**	131,072	DIP	28	3C/51	2.5	2.5	–	–	1.3	12	086	–	–	1.1	EPROM	01	28	2.5	2.8	–	2.0	4.1	32	02
Waferscale	**57C128F**	131,072	LCC	32	3C/C2	–	–	2.4	3.0	–	17	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**MAP168**	131,072	LCC	44	14E/150	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	**MAP168**	131,072	PGA	44	14E/16A	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	P27128A	131,072	DIP	28	5C/51	2.0	2.0	–	–	1.0	09	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Toshiba	24256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01.4
Toshiba	24256A	262,144	DIP	28	5C/32	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Toshiba	24256A	262,144	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Toshiba	24256B	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Toshiba	24256B	262,144	DIP	28	5C/32	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	–	–	–	04.1
Toshiba	24256B	262,144	FP	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**27256**	262,144	DIP	28	0C1/F32	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
AMD/MMI	**27256**	262,144	DIP	28	C1/32	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	–	–	2.1	2.1	04	1.0	4.1	32	01
Catalyst	27256	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Catalyst	27256	262,144	DIP	28	5C/32	2.2	2.2	–	–	1.0	16	086	13	005	2.0	EPROM	–	–	2.2	2.2	–	–	–	–	01.1
Fujitsu	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	06	1.0	4.1	32	01
Fujitsu	27256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Hitachi	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	08	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Hitachi	27256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27256	262,144	DIP	28	093/F32	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	–	–	2.1	2.1	01	1.0	4.1	32	01
Microchip	27256	262,144	DIP	28	5C/32	2.2	2.2	–	–	1.0	14	086	14	005	–	–	09	28	2.2	2.2	–	5.0	5.0	32	01
Microchip	27256	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	07	–	–	–	–
Mitsubishi Elec.	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	06	1.0	4.1	32	01
Mitsubishi Elec.	27256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
NEC	27256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	06	1.0	4.1	32	01.4
OKI	**27256**	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
OKI	**27256**	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	08	1.0	4.1	32	–
OKI	27256	262,144	DIP	28	5C/32	3.0	3.0	–	–	1.1	11	086	14	005	–	–	–	–	3.0	3.0	–	–	–	–	01
SEEQ	27256	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	01.1
SGS-Thomson	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
SGS-Thomson	27256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	–	–	–	–	–
TI	27256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.1	2.1	07	1.0	4.1	32	01
Toshiba	27256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	07	086	10	005	3.0	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01.4
Microchip	27256	262,144	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	**27256**	262,144	PLCC	32	C1/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Catalyst	27256	262,144	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Microchip	27256	262,144	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Catalyst	27256	262,144	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Mitsubishi Elec.	27256	262,144	SO	28	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Intel	27256-M+	262,144	DIP	28	121/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
NEC	27256A	262,144	DIP	28	48/32	2.4	2.4	–	–	–	11	086	10	005	–	–	–	–	2.4	2.4	–	–	–	–	–
NEC	27256A	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	06	1.0	4.1	32	01
NEC	27256A	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	–	–	–	–	–
Toshiba	27256A	262,144	DIP	28	5C/32	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Toshiba	27256B	262,144	DIP	28	5C/32	2.2	2.2	–	–	1.0	15	086	13	005	1.1	EPROM	11	28	2.2	2.2	–	3.0	4.1	32	01
AMD/MMI	**27256P**	262,144	DIP	28	0D6/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
AMD/MMI	**27256P**	262,144	DIP	28	D6/32	–	–	–	–	–	13	086	–	–	2.0	EPROM	–	–	–	–	–	2.0	4.1	32	01
TI	27C010A	262,144	DIP	32	193/0CB	3.3	3.3	–	–	1.4	24	104/BD	–	–	–	–	18	40	–	3.3	–	–	–	–	–
Intel	27C202	262,144	DIP	40	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C202	262,144	DIP	40	7E/DD	2.4	2.4	–	–	–	16	106D	–	–	2.0	EPROM	14	40	2.4	–	–	4.0	4.1	40	–
Intel	27C202	262,144	DIP	40	7E/DD	2.4	2.4	–	–	–	16	095	–	–	2.0	EPROM	14	40	2.4	–	–	4.0	4.1	40	–
Intel	27C202	262,144	JLCC	44	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C202	262,144	JLCC	44	7E/AB	–	–	3.2	3.2	–	22	106P	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C202	262,144	PLCC	44	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C202	262,144	PLCC	44	7E/AB	–	–	2.8	3.0	–	17	106P	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C203	262,144	DIP	40	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C203	262,144	DIP	40	A7/4C	2.5	2.5	–	–	–	16	106D	–	–	–	–	–	–	2.5	–	–	–	–	–	–
Intel	27C203	262,144	JLCC	44	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C203	262,144	JLCC	44	A7/4D	–	–	3.0	3.0	–	22	106P	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C203	262,144	PLCC	44	7E/0D	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C203	262,144	PLCC	44	A7/4D	–	–	2.6	3.0	–	17	106P	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C256**	262,144	DIP	28	11D/032	–	–	–	–	1.0	–	–	–	–	–	–	–	–	2.4	–	–	–	–	–	–
AMD/MMI	**27C256**	262,144	DIP	28	C1/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	08	2.0	4.1	32	–
AMD/MMI	**27C256**	262,144	DIP	28	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	**27C256**	262,144	DIP	28	B5C/F32	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–

EPROMs

C O N T I N U E D

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
AMD/MMI	**27C256**	262,144	DIP	28	5C/32	3.2	3.2	–	–	–	23	086	–	–	–	–	–	–	–	3.2	–	–	–	–	–
Atmel	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.1	2.1	07	1.0	4.1	32	01
Fujitsu	27C256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01.4
Hitachi	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	08	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Hitachi	27C256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27C256	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27C256	262,144	DIP	28	5C/32	2.0	2.0	–	–	1.0	09	086	10	005	1.1	EPROM	–	–	2.0	2.0	07	1.0	4.1	32	01
Microchip	**27C256**	262,144	DIP	28	115/032	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Microchip	**27C256**	262,144	DIP	28	187/F32	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	**27C256**	262,144	DIP	28	5C/32	–	–	–	–	–	–	–	13	005	–	–	–	–	–	–	08	–	–	–	01
Mitsubishi Elec.	27C256	262,144	DIP	28	8C/32	–	–	–	–	–	13	086	10	005	–	–	07.3	28	–	–	–	–	–	–	04.1
Mitsubishi Elec.	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	–	–	–	–	1.1	EPROM	–	–	2.1	2.1	06	1.0	4.1	32	–
National	27C256	262,144	DIP	28	05D/F32	–	–	–	–	–	–	–	–	–	–	–	05	28	–	–	–	–	–	–	–
National	27C256	262,144	DIP	28	5D/32	1.7	1.7	–	–	1.0	07	086	14	005	1.1	EPROM	–	–	1.7	2.0	07	1.0	4.1	32	01.2
NEC	27C256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	08	086	10	005	2.0	EPROM	01	28	2.0	2.0	06	3.0	4.1	32	01.4
Panasonic	27C256	262,144	DIP	28	171/F32	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	–
Panasonic	27C256	262,144	DIP	28	5C/32	3.0	3.0	–	–	1.1	22	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	04.1
Ricoh	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Ricoh	27C256	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
SEEQ	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	07	086	10	005	1.1	EPROM	–	–	2.1	2.1	01	1.0	4.1	32	01.1
SEEQ	27C256	262,144	DIP	28	E93/F32	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	–	–	–	–	–
SGS-Thomson	27C256	262,144	DIP	28	093/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
SGS-Thomson	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	13	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	2.0	4.1	32	01
Signetics	27C256	262,144	DIP	28	5C/32	2.2	2.2	–	–	1.0	16	086	14	005	–	–	–	–	2.2	2.2	08	5.0	5.0	32	01
Signetics	27C256	262,144	DIP	28	93/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Signetics	27C256	262,144	DIP	28	B5C/F32	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–
Sony	27C256	262,144	DIP	28	16A/F32	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	04.1
Sony	27C256	262,144	DIP	28	5C/32	3.0	3.0	–	–	1.1	22	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
TI	27C256	262,144	DIP	28	115/032	2.2	2.2	–	–	1.0	15	086	–	–	–	–	–	–	2.2	2.2	–	4.1	4.1	32	01.2
TI	27C256	262,144	DIP	28	93/32	–	–	–	–	–	09	086	10	005	1.1	EPROM	–	–	–	–	07	–	–	–	–
TI	27C256	262,144	DIP	28	115/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	01.2
VLSI	27C256	262,144	DIP	28	05D/F32	–	–	–	–	–	–	–	–	–	–	–	06	28	–	–	–	–	–	–	–
VLSI	27C256	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	–	–	–	–	–	–	–	–	2.1	2.1	–	–	–	–	–
VLSI	27C256	262,144	DIP	28	5D/32	–	–	–	–	–	11	086	10	005	1.1	EPROM	–	–	–	–	07	1.0	4.1	32	01.2
AMD/MMI	**27C256**	262,144	LCC	32	11D/0C3	–	–	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C256**	262,144	LCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	**27C256**	262,144	LCC	32	5C/C3	–	–	3.2	3.2	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C256	262,144	LCC	32	93/C3	–	–	2.3	3.0	1.2	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C256	262,144	LCC	32	45/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Fujitsu	27C256	262,144	LCC	32	93/C3	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	LCC	32	115/0C3	–	–	3.1	3.1	1.2	22	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	**27C256**	262,144	PLCC	32	5C/C3	–	–	3.3	3.3	1.4	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C256**	262,144	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C256	262,144	PLCC	32	93/32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01
Atmel	27C256	262,144	PLCC	32	93/C3	–	–	2.1	3.0	1.1	14	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Intel	27C256	262,144	PLCC	32	05C/F32	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
Intel	27C256	262,144	PLCC	32	5C/C3	–	–	2.0	3.0	1.1	09	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27C256**	262,144	PLCC	32	115/0C3	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	PLCC	32	187/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
SGS-Thomson	27C256	262,144	PLCC	32	093/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SGS-Thomson	27C256	262,144	PLCC	32	9C/C3	–	–	–	–	–	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	27C256	262,144	PLCC	32	93/C3	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Signetics	27C256	262,144	PLCC	32	5C/C3	–	–	2.4	3.0	1.1	18	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Signetics	27C256	262,144	PLCC	32	B5C/F32	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
TI	27C256	262,144	PLCC	32	115/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Atmel	27C256	262,144	SO	28	093/832	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C256	262,144	SO	28	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Hitachi	27C256	262,144	SO	28	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27C256**	262,144	SO	28	115/832	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C256**	262,144	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Mitsubishi Elec.	27C256	262,144	SO	28	8C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	27C256-M+	262,144	DIP	28	121/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
Fujitsu	27C256A	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Fujitsu	27C256A	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27C256A	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27C256A	262,144	DIP	28	5C/32	2.6	2.6	–	–	1.0	19	086	–	–	–	–	–	–	2.6	2.6	–	–	–	–	01
Mitsubishi Elec.	27C256A	262,144	DIP	28	8C/32	–	–	–	–	–	19	086	–	–	–	–	13	28	–	–	–	–	–	–	04.1
Mitsubishi Elec.	27C256A	262,144	DIP	28	93/32	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	2.8	–	–	–	–	–
NEC	**27C256A**	262,144	DIP	28	48/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	07	1.2	4.1	32	–
NEC	**27C256A**	262,144	DIP	28	71/32	3.1	3.1	–	–	1.0	15	086	14	005	–	–	–	–	2.3	3.1	–	–	–	–	01.3
NEC	**27C256A**	262,144	DIP	28	D71/F32	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Mitsubishi Elec.	27C256A	262,144	FP	28	8C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Fujitsu	27C256A	262,144	JLCC	32	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C256A	262,144	LCC	32	93/C3	–	–	2.8	3.0	1.2	20	099	–	–	–	–	–	–	–	–	–	–	–	–	01
NEC	**27C256A**	262,144	LCC	32	071/732	–	–	2.3	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	**27C256A**	262,144	LCC	32	71/C3	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Intel	27C256A	262,144	PLCC	32	5C/C3	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C256A	262,144	SO	28	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
National	27C256B	262,144	DIP	28	5C/32	2.5	2.5	–	–	1.0	16	086	14	005	–	–	–	–	2.5	3.0	–	–	–	–	01.1
National	27C256B	262,144	DIP	28	E8/32	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	2.0	4.1	32	–
National	27C256B	262,144	DIP	28	F5E/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
SGS-Thomson	27C256B	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
SGS-Thomson	27C256B	262,144	DIP	28	5C/32	2.7	2.7	–	–	1.0	20	086	–	–	3.0	EPROM	–	–	2.7	2.7	–	5.0	5.0	32	04.1
National	27C256B	262,144	PLCC	32	5C/C3	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
National	27C256B	262,144	PLCC	32	F5E/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SGS-Thomson	27C256B	262,144	PLCC	32	05C/F32	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
SGS-Thomson	27C256B	262,144	PLCC	32	5C/C3	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	**27C256F**	262,144	DIP	28	124/032	2.4	2.4	–	–	1.0	17	086	–	–	–	–	–	–	2.4	3.0	–	–	–	–	02
Waferscale	**27C256F**	262,144	DIP	28	3C/32	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	08	4.1	4.1	32	–
Waferscale	**27C256F**	262,144	LCC	32	124/0C3	–	–	2.4	3.0	1.2	17	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Fujitsu	27C256H	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01
Fujitsu	27C256H	262,144	DIP	28	F93/032	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
Hitachi	27C256H	262,144	DIP	28	111/032	2.1	2.1	–	–	–	15	086	–	–	2.0	EPROM	–	–	2.1	2.1	–	5.0	5.0	32	–
Hitachi	27C256H	262,144	DIP	28	111/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
OKI	27C256H	262,144	DIP	28	5C/32	2.8	2.8	–	–	1.0	21	086	–	–	–	–	12	28	2.8	–	–	–	–	–	–
OKI	27C256H	262,144	DIP	28	93/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SMOS	27C256H	262,144	DIP	28	93/32	2.1	2.1	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.1	2.1	07	1.0	4.1	32	01
Waferscale	**27C256L**	262,144	DIP	28	11B/032	3.0	3.0	–	–	1.1	21	086	–	–	3.0	EPROM	–	–	3.0	3.0	–	5.0	5.0	32	04.1
Waferscale	**27C256L**	262,144	DIP	28	11B/F32	–	–	–	–	–	–	–	–	–	–	–	15	28	–	–	–	–	–	–	04.1
Waferscale	**27C256L**	262,144	JLCC	32	11B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C256L**	262,144	LCC	32	11B/0C3	–	–	3.0	3.0	1.2	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C256L**	262,144	PLCC	32	11B/0C3	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C256L**	262,144	PLCC	32	11B/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.1
AMD/MMI	27C256P	262,144	DIP	28	B5C/F32	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–
AMD/MMI	27C256P	262,144	DIP	28	D6/32	–	–	–	–	–	13	086	–	–	–	–	–	–	–	–	–	2.0	4.1	32	01
Atmel	27C256R	262,144	DIP	28	115/032	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	04.3
Atmel	27C256R	262,144	DIP	28	116/032	–	–	–	–	–	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C256R	262,144	DIP	28	5C/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Atmel	27C256R	262,144	DIP	28	115/F32	–	–	–	–	1.2	–	–	–	–	–	–	15	28	–	3.0	–	–	–	–	04.3
Atmel	27C256R	262,144	LCC	32	115/0C3	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C256R	262,144	LCC	32	116/0C3	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C256R	262,144	PLCC	32	115/0C3	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C256R	262,144	PLCC	32	116/0C3	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C256R	262,144	PLCC	32	115/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.3
Atmel	27C256R	262,144	SO	28	115/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Microchip	27HC1616	262,144	DIP	40	191/1A2	3.3	3.3	–	–	1.4	23	095	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27HC256	262,144	DIP	28	093/F32	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
Atmel	27HC256	262,144	DIP	28	5C/32	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Atmel	27HC256	262,144	DIP	28	93/32	2.2	2.2	–	–	1.0	11	086	13	005	–	–	–	–	2.2	2.2	08	5.0	5.0	32	01
Catalyst	27HC256	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
Catalyst	27HC256	262,144	DIP	28	5C/32	2.5	2.5	–	–	1.0	19	086	14	005	–	–	–	–	2.5	2.8	–	–	–	–	03
Microchip	**27HC256**	262,144	DIP	28	115/032	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Microchip	**27HC256**	262,144	DIP	28	5C/32	–	–	–	–	–	–	–	13	005	–	–	–	–	–	–	–	–	–	–	01.1
Microchip	**27HC256**	262,144	DIP	28	187/F32	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Atmel	27HC256	262,144	LCC	32	93/C3	–	–	2.3	3.0	1.2	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27HC256**	262,144	LCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Atmel	27HC256	262,144	PLCC	32	093/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Atmel	27HC256	262,144	PLCC	32	93/C3	–	–	2.2	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27HC256**	262,144	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
TI	27PC256	262,144	DIP	28	115/032	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	–	–	2.2	2.8	–	3.0	4.1	32	01.2
TI	27PC256	262,144	DIP	28	115/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	01.2
TI	27PC256	262,144	DIP	28	93/32	–	–	–	–	–	14	086	13	005	–	–	–	–	–	–	–	–	–	–	–
TI	27PC256	262,144	PLCC	32	115/0C3	–	–	2.2	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01.2
TI	27PC256	262,144	PLCC	32	115/F32	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.2
Toshiba	54256A	262,144	DIP	28	5C/32	2.0	2.0	–	–	1.0	13	086	13	005	1.1	EPROM	01	28	2.0	2.0	08	1.0	4.1	32	01
Toshiba	54256A	262,144	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Sharp	57254	262,144	DIP	28	093/F32	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Sharp	57254	262,144	DIP	28	93/32	2.3	2.3	–	–	1.0	19	086	14	005	–	–	–	–	2.3	2.3	–	–	–	–	01.1
Sharp	57255	262,144	DIP	28	3A/32	–	–	–	–	–	–	–	–	–	–	–	10	28	–	–	–	–	–	–	–
Sharp	57255	262,144	DIP	28	93/32	2.3	2.3	–	–	1.0	21	086	14	005	–	–	–	–	2.3	2.3	–	–	–	–	01.1
Sharp	57256	262,144	DIP	28	3B/32	2.5	2.5	–	–	1.0	–	–	11	005	–	–	11	28	2.5	2.5	07	–	–	–	–
Sharp	57256	262,144	DIP	28	5C/32	–	–	–	–	–	21	086	–	–	–	–	–	–	–	–	–	–	–	–	03
Toshiba	57256	262,144	DIP	28	45/32	2.0	2.0	–	–	1.0	07	086	10	005	–	–	01	28	2.0	2.0	05	–	–	–	01.4
Sharp	57256	262,144	SO	28	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Toshiba	**57256A**	262,144	DIP	28	5C/32	3.0	3.0	–	–	1.1	13	086	13	005	1.1	EPROM	01	28	3.0	3.0	07	1.0	4.1	32	01
Waferscale	**57C256F**	262,144	DIP	28	124/032	2.4	2.4	–	–	1.3	17	086	–	–	–	–	–	–	2.4	–	–	5.0	5.0	32	02
Waferscale	**57C256F**	262,144	DIP	28	3C/32	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
Waferscale	**57C256F**	262,144	LCC	32	124/0C3	–	–	2.4	3.0	–	17	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**57C257**	262,144	DIP	40	1F/E1	–	–	–	–	–	14	095	–	–	–	–	16	40	–	–	–	–	–	–	04.3
Waferscale	**57C257**	262,144	DIP	40	2C/E1	2.4	2.4	–	–	–	–	–	–	–	–	–	–	–	2.4	–	–	2.0	4.1	40	–
Waferscale	**57C257**	262,144	LCC	44	01F/113	–	–	2.4	3.0	–	17	095P	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	**57C257**	262,144	LCC	44	1F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	**57C257**	262,144	PLCC	44	01F/113	–	–	2.5	3.0	–	18	095P	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	**57C257**	262,144	PLCC	44	1F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Toshiba	57H256	262,144	DIP	28	5C/32	2.5	2.5	–	–	1.0	19	086	14	005	–	–	15	28	2.5	–	–	–	–	–	03
Motorola	67256	262,144	DIP	28	49/32	–	–	–	–	–	11	086	–	–	2.0	EPROM	01	28	–	–	07	2.0	4.1	32	–
Motorola	67259	262,144	DIP	28	49/32	–	–	–	–	–	11	086	–	–	2.0	EPROM	01	28	–	–	–	2.0	4.1	32	–
Intel	68C257	262,144	DIP	28	5C/E2	2.7	2.7	–	–	1.0	13	086	13	005	–	–	–	–	2.7	2.8	08	–	–	–	–
Intel	68C257	262,144	DIP	28	E5C/DE2	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
Intel	68C257	262,144	PLCC	32	5C/E3	–	–	2.8	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	87C257	262,144	DIP	28	5C/E2	2.7	2.7	–	–	1.0	13	086	–	–	1.1	EPROM	–	–	2.7	2.7	08	2.0	4.1	32	04.2
Intel	87C257	262,144	DIP	28	E5C/0E2	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SGS-Thomson	87C257	262,144	DIP	28	5C/E2	3.2	3.2	–	–	–	20	086	–	–	–	–	–	–	–	3.2	–	–	–	–	04.2
SGS-Thomson	87C257	262,144	DIP	28	E5C/0E2	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	–
TI	87C257	262,144	DIP	28	115/032	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	–	–	–	–	–	04.2
TI	87C257	262,144	DIP	28	115/F32	–	–	–	–	–	–	–	–	–	–	–	14	28	–	–	–	–	–	–	04.2
TI	87C257	262,144	DIP	28	115/0E2	–	–	–	–	–	20	086	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	87C257	262,144	PLCC	32	5C/E3	–	–	2.7	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Intel	87C257	262,144	PLCC	32	E5C/0E2	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Intel	P27256	262,144	DIP	28	05C/F32	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	P27256	262,144	DIP	28	5C/32	2.0	2.0	–	–	1.0	09	086	10	005	1.1	EPROM	–	–	2.0	2.0	07	1.0	4.1	32	01
Intel	P27C256	262,144	DIP	28	5C/32	–	–	–	–	–	09	086	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	01.1
Waferscale	**PSD301**	262,144	JLCC	44	17D/189	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Toshiba	24512	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	13	086	10	005	1.1	EPROM	01	28	2.2	2.2	08	1.0	4.1	32	01
Toshiba	24512	524,288	FP	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Toshiba	24512A	524,288	DIP	28	5E/A4	–	–	–	–	–	–	–	–	–	2.0	EPROM	12	28	–	–	–	–	–	–	04.1
Toshiba	24512A	524,288	FP	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**27512**	524,288	DIP	28	DD/A4	2.4	2.4	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.4	2.4	05	1.0	4.1	32	01
Catalyst	27512	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	16	086	13	005	2.0	EPROM	12	28	2.2	2.2	–	3.0	4.1	32	01.1
Hitachi	27512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	08	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Intel	27512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	05	1.0	4.1	32	01
Mitsubishi Elec.	27512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	06	1.0	4.1	32	01
NEC	27512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	–	–	–	–	–	–	–	–	2.0	–	08	–	–	–	–
NEC	27512	524,288	DIP	28	8A/A4	–	–	–	–	–	15	086	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	27512	524,288	DIP	28	5E/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	09	28	–	–	–	2.0	4.1	32	01
OKI	27512	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	11	086	10	005	1.1	EPROM	07	28	2.2	2.2	06	2.0	4.1	32	01
SGS-Thomson	27512	524,288	DIP	28	4B/A4	–	–	–	–	–	–	–	10	005	–	–	–	–	–	–	08	–	–	–	–
SGS-Thomson	27512	524,288	DIP	28	7F/A4	1.6	1.6	–	–	–	13	086	–	–	1.1	EPROM	13	28	1.6	2.8	–	2.0	4.1	32	04.1
TI	27512	524,288	DIP	28	4B/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	01	28	–	–	–	1.0	4.1	32	01

BOLD TYPE denotes algorithm changes

DATA I/O
Corporation

EPROMs

C O N T I N U E D

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Toshiba	27512	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.2	2.2	07	1.0	4.1	32	01
NEC	27512	524,288	LCC	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	**27512**	524,288	PLCC	32	DD/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Catalyst	27512	524,288	PLCC	32	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Catalyst	27512	524,288	SO	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Mitsubishi Elec.	27512	524,288	SO	28	4B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Toshiba	27512A	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	15	086	13	005	1.1	EPROM	11	28	2.2	2.2	–	3.0	4.1	32	01
AMD/MMI	**27512P**	524,288	DIP	28	DA/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	01
Intel	27513	524,288	DIP	28	5B/5E	2.0	2.0	–	–	1.1	07	086	10	005	1.1	EPROM	01	28	2.0	2.0	7.1	5.0	5.0	32	–
AMD/MMI	**27C512**	524,288	DIP	28	11E/0A4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C512**	524,288	DIP	28	5E/A4	3.2	3.2	–	–	1.0	23	086	–	–	–	–	–	–	–	3.2	–	–	–	–	–
AMD/MMI	**27C512**	524,288	DIP	28	B5E/0A4	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
AMD/MMI	**27C512**	524,288	DIP	28	DD/A4	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	08	2.0	4.1	32	–
AMD/MMI	**27C512**	524,288	DIP	28	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	01	28	2.0	2.0	07	1.0	4.1	32	01
Fujitsu	27C512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	11	086	10	005	2.0	EPROM	–	–	2.0	2.0	07	1.0	4.1	32	01.1
Fujitsu	27C512	524,288	DIP	28	F4B/0A4	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Intel	27C512	524,288	DIP	28	5E/A4	2.7	2.7	–	–	1.0	19	086	–	–	1.1	EPROM	12	28	2.7	3.0	–	2.0	4.1	32	01.1
Microchip	**27C512**	524,288	DIP	28	116/0A4	3.0	3.0	–	–	1.1	21	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Microchip	**27C512**	524,288	DIP	28	188/0A4	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Microchip	**27C512**	524,288	DIP	28	4B/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	07	1.0	4.1	32	–
Microchip	**27C512**	524,288	DIP	28	5E/A4	–	–	–	–	–	–	–	14	005	–	–	–	–	–	–	–	–	–	–	01
National	27C512	524,288	DIP	28	4C/A4	1.3	1.3	–	–	–	07	086	13	005	1.1	EPROM	03	28	1.3	2.0	07	1.0	4.1	32	01.2
NEC	27C512	524,288	DIP	28	4E/A4	2.4	2.4	–	–	1.0	16	086	10	005	3.0	EPROM	12	28	2.4	2.4	07	1.2	4.1	32	01.4
Panasonic	27C512	524,288	DIP	28	172/0A4	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	–
Panasonic	27C512	524,288	DIP	28	5E/A4	3.0	3.0	–	–	1.1	22	086	–	–	–	–	–	–	3.0	3.0	–	–	–	–	04.1
SGS-Thomson	27C512	524,288	DIP	28	144/0A4	2.7	2.7	–	–	1.1	22	086	–	–	3.0	EPROM	14	28	2.7	2.8	–	5.0	5.0	32	04.1
Signetics	27C512	524,288	DIP	28	5E/A4	2.5	2.5	–	–	1.0	18	086	13	005	3.0	EPROM	–	–	2.5	2.5	–	5.0	5.0	32	03
Signetics	27C512	524,288	DIP	28	B5E/0A4	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
Sony	27C512	524,288	DIP	28	144/0A4	3.0	3.0	–	–	1.1	–	–	–	–	–	–	16	28	3.0	3.0	–	–	–	–	04.1
Sony	27C512	524,288	DIP	28	5E/A4	–	–	–	–	–	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	27C512	524,288	DIP	28	116/0A4	2.2	2.2	–	–	1.0	15	086	–	–	–	–	14	28	2.2	2.2	–	4.1	4.1	32	01.2
TI	27C512	524,288	DIP	28	4B/A4	–	–	–	–	–	13	086	10	005	1.1	EPROM	–	–	–	–	08	–	–	–	–
VLSI	27C512	524,288	DIP	28	4B/A4	2.0	2.0	–	–	1.0	–	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
VLSI	27C512	524,288	DIP	28	4C/A4	–	–	–	–	–	11	086	10	005	1.1	EPROM	06	28	–	–	07	1.0	4.1	32	01.2
AMD/MMI	**27C512**	524,288	LCC	32	05E/0C4	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C512**	524,288	LCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	**27C512**	524,288	LCC	32	5E/C4	–	–	–	–	–	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C512**	524,288	LCC	32	11E/0C4	–	–	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C512	524,288	LCC	32	4B/C4	–	–	2.4	3.0	1.2	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C512	524,288	LCC	32	04B/7A4	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	27C512	524,288	LCC	32	4B/C4	–	–	–	–	–	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Microchip	**27C512**	524,288	LCC	32	116/0C4	–	–	3.0	3.0	1.2	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C512**	524,288	LCC	32	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	**27C512**	524,288	PLCC	28	5E/C4	–	–	3.3	3.3	1.4	24	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**27C512**	524,288	PLCC	28	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C512	524,288	PLCC	32	4B/A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01
Atmel	27C512	524,288	PLCC	32	4B/C4	–	–	2.1	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01
Microchip	**27C512**	524,288	PLCC	32	116/0C4	–	–	3.1	3.1	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C512**	524,288	PLCC	32	188/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Microchip	**27C512**	524,288	PLCC	32	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
National	27C512	524,288	PLCC	28	4C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Signetics	27C512	524,288	PLCC	32	5E/C4	–	–	2.7	3.0	1.1	19	099	–	–	–	–	–	–	–	–	–	–	–	–	03
Signetics	27C512	524,288	PLCC	32	B5E/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
TI	27C512	524,288	PLCC	32	116/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Microchip	**27C512**	524,288	SO	28	116/8A4	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	**27C512**	524,288	SO	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Mitsubishi Elec.	27C512A	524,288	DIP	28	4B/A4	2.4	2.4	–	–	1.0	17	086	13	005	3.0	EPROM	16	28	2.4	2.8	–	5.0	5.0	32	–
Mitsubishi Elec.	27C512A	524,288	DIP	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
National	27C512A	524,288	DIP	28	5C/A4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	08	–	–	–	–
National	27C512A	524,288	DIP	28	5E/A4	2.2	2.2	–	–	1.0	16	086	14	005	–	–	–	–	2.2	2.2	–	–	–	–	01.1
National	27C512A	524,288	DIP	28	E9/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	–
National	27C512A	524,288	DIP	28	F5E/0A4	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
Mitsubishi Elec.	27C512A	524,288	FP	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
National	27C512A	524,288	PLCC	32	5E/C4	–	–	3.1	3.1	1.2	23	099	–	–	–	–	–	–	–	–	–	–	–	–	01.1
National	27C512A	524,288	PLCC	32	F5E/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Waferscale	**27C512F**	524,288	DIP	28	125/0A4	2.5	2.5	–	–	1.0	17	086	–	–	–	–	–	–	2.5	–	–	–	–	–	02
Waferscale	**27C512F**	524,288	LCC	32	125/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Waferscale	**27C512L**	524,288	DIP	28	11C/0A4	3.0	3.0	–	–	1.1	21	086	–	–	3.0	EPROM	15	28	3.0	–	–	5.0	5.0	32	04.1
Waferscale	**27C512L**	524,288	JLCC	32	11C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C512L**	524,288	LCC	32	11C/0C4	–	–	3.0	3.0	1.2	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C512L**	524,288	PLCC	32	11C/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	04.1
Waferscale	**27C512L**	524,288	PLCC	32	11C/0C4	–	–	3.0	3.0	1.1	21	099	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	**27C512P**	524,288	DIP	28	B5E/0A4	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
AMD/MMI	**27C512P**	524,288	DIP	28	DA/A4	–	–	–	–	–	13	086	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	01
Atmel	27C512R	524,288	DIP	28	116/0A4	2.7	2.7	–	–	1.0	20	086	–	–	–	–	14	28	2.7	2.7	–	–	–	–	02
Atmel	27C512R	524,288	DIP	28	5E/A4	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Atmel	27C512R	524,288	JLCC	32	116/0C4	–	–	3.2	3.2	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Atmel	27C512R	524,288	LCC	32	116/0C4	–	–	3.2	3.2	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Atmel	27C512R	524,288	PLCC	32	116/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	02
Atmel	27C512R	524,288	PLCC	32	116/0C4	–	–	3.2	3.2	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	02
Atmel	27C512R	524,288	SO	28	116/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Atmel	27C513	524,288	DIP	28	5B/5E	2.0	2.0	–	–	1.0	11	086	10	005	1.1	EPROM	06	28	2.0	2.0	07	1.0	4.1	32	–
Microchip	27C513	524,288	DIP	28	5B/5E	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	27C513	524,288	DIP	28	5E/5E	–	–	–	–	–	14	086	–	–	–	–	09	28	–	–	–	–	–	–	–
Atmel	27C513R	524,288	DIP	28	116/05E	–	–	–	–	–	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C513R	524,288	DIP	28	16D/F5E	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Atmel	27C513R	524,288	DIP	28	16D/05E	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	3.1	–	–	–	–	–
Microchip	27C515	524,288	DIP	28	5B/CA	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	27C515	524,288	DIP	28	5E/CA	–	–	–	–	–	14	086	–	–	–	–	09	28	–	–	–	–	–	–	–
TI	27PC512	524,288	DIP	28	116/0A4	2.2	2.2	–	–	1.0	15	086	–	–	2.0	EPROM	14	28	2.2	2.8	–	3.0	4.1	32	01.2
TI	27PC512	524,288	DIP	28	4B/A4	–	–	–	–	–	14	086	13	005	–	–	–	–	–	–	08	–	–	–	–
TI	27PC512	524,288	PLCC	32	116/0A4	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.2
TI	27PC512	524,288	PLCC	32	116/0C4	–	–	2.2	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Atmel	32C16	524,288	DIP	40	05F/1B4	–	–	–	–	–	24	095	–	–	–	–	–	–	–	–	–	–	–	–	–
Toshiba	54512A	524,288	DIP	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Toshiba	54512A	524,288	SO	28	5E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Sharp	57512	524,288	DIP	28	157/0A4	2.8	2.8	–	–	–	21	086	–	–	3.0	EPROM	16	28	2.8	3.0	–	5.0	5.0	32	04.2
Sharp	57512	524,288	PLCC	32	157/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Toshiba	57512A	524,288	DIP	28	5E/A4	2.3	2.3	–	–	1.0	16	086	13	005	2.0	EPROM	12	28	2.3	2.8	–	3.0	4.1	32	01.1
National	87C512A	524,288	DIP	28	0E9/115	–	–	–	–	–	17	086	–	–	2.0	EPROM	–	–	–	–	–	–	–	–	–
Catalyst	27010	1,048,576	DIP	32	5C/CB	2.5	2.5	–	–	1.0	19	104/BD	–	–	3.0	EPROM	–	–	2.5	2.8	–	5.0	5.0	32	03
Catalyst	27010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	13	40	–	–	–	–	–	–	–
Intel	27010	1,048,576	DIP	32	5C/CB	2.0	2.0	–	–	1.0	11	104/BD	11	005	1.1	EPROM	–	–	2.0	2.0	–	1.0	4.1	32	01
Intel	27010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Intel	27011	1,048,576	DIP	28	5C/C9	2.0	2.0	–	–	1.0	15	086	11	005	1.1	EPROM	12	28	2.0	2.0	7.1	5.0	5.0	32	–
OKI	271000	1,048,576	DIP	32	5C/CB	2.8	2.8	–	–	1.0	21	104/BD	–	–	3.0	EPROM	–	–	2.8	3.0	–	5.0	5.0	32	03
OKI	271000	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	15	40	–	–	–	–	–	–	–
Intel	27210	1,048,576	DIP	40	5F/A8	2.1	2.1	–	–	1.0	11	095	11	005	1.1	EPROM	05	40	2.1	2.0	–	1.2	4.1	40	01
Intel	27210	1,048,576	JLCC	44	5F/88	–	–	2.6	3.0	1.1	15	095P	–	–	–	–	–	–	–	–	–	–	–	–	01
Intel	27210	1,048,576	JLCC	44	5F/A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	01
Intel	27960	1,048,576	JLCC	44	143/13F	–	–	–	3.0	–	20	121	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27960	1,048,576	PLCC	44	143/13F	–	–	–	–	–	20	121	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	DIP	32	109/0CB	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	15	40	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	DIP	32	D6/CB	2.7	2.7	–	–	1.0	–	–	–	–	–	–	–	–	2.7	2.7	–	5.0	5.0	32	04.3
AMD/MMI	27C010	1,048,576	DIP	32	5C/CB	–	–	–	–	–	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C010	1,048,576	DIP	32	115/0CB	2.7	2.7	–	–	1.0	–	–	–	–	3.0	EPROM	–	–	2.7	2.8	–	5.0	5.0	32	03
Atmel	27C010	1,048,576	DIP	32	5C/CB	–	–	–	–	–	18	104/BD	14	005	–	–	–	–	–	–	–	–	–	–	–
Atmel	27C010	1,048,576	DIP	32	F15/0CB	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
Intel	27C010	1,048,576	DIP	32	5C/CB	2.4	2.4	–	–	1.0	15	104/BD	13	005	1.1	EPROM	–	–	2.4	2.8	–	1.2	4.1	32	01
Intel	27C010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
National	27C010	1,048,576	DIP	32	5C/CB	2.2	2.2	–	–	1.0	15	104/BD	14	005	3.0	EPROM	–	–	2.2	2.2	–	5.0	5.0	32	01.1
National	27C010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	11	40	–	–	–	–	–	–	–
Signetics	27C010	1,048,576	DIP	32	5C/CB	–	–	–	–	–	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	27C010	1,048,576	DIP	32	B5F/0CB	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
TI	27C010	1,048,576	DIP	32	12B/0CB	2.5	2.5	–	–	1.0	18	104/BD	–	–	2.0	EPROM	12	40	2.5	2.5	–	4.0	4.1	32	01.2
Atmel	27C010	1,048,576	JLCC	32	115/0DE	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Atmel	27C010	1,048,576	JLCC	32	5C/DE	–	–	–	–	–	23	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	LCC	32	5C/DE	–	–	–	–	–	24	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	LCC	32	D6/DE	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C010	1,048,576	LCC	32	115/0DE	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Atmel	27C010	1,048,576	LCC	32	5C/DE	–	–	–	–	–	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	PLCC	32	5C/DE	–	–	–	–	–	24	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C010	1,048,576	PLCC	32	D6/DE	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Atmel	27C010	1,048,576	PLCC	32	115/0DE	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Atmel	27C010	1,048,576	PLCC	32	F15/0CB	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Atmel	27C010	1,048,576	PLCC	32	5C/DE	–	–	–	–	–	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C010	1,048,576	PLCC	32	5C/DE	–	–	2.4	3.0	1.1	17	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	01
Intel	27C010	1,048,576	PLCC	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
National	27C010	1,048,576	PLCC	32	5C/DE	–	–	3.1	3.1	1.2	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Intel	27C010A	1,048,576	DIP	32	160/0CB	3.1	3.1	–	–	1.3	22	104/BD	–	–	–	–	17	40	–	3.1	–	5.0	5.0	32	04.2
Waferscale	**27C010L**	1,048,576	DIP	32	11B/0CB	3.0	3.0	–	–	1.1	21	104/BD	–	–	3.0	EPROM	–	–	3.0	3.0	–	5.0	5.0	32	04.1
Waferscale	**27C010L**	1,048,576	DIP	32	15C/0CB	–	–	–	–	–	–	–	–	–	–	–	15	40	–	–	–	–	–	–	–
Waferscale	**27C010L**	1,048,576	JLCC	32	11B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C010L**	1,048,576	LCC	32	11B/0DE	–	–	3.0	3.0	1.2	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C010L**	1,048,576	PLCC	32	11B/0DE	–	–	3.0	3.0	1.1	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C010R**	1,048,576	DIP	32	11B/0CC	3.0	3.0	–	–	1.0	18	104/BD	–	–	–	–	–	–	3.0	3.0	–	–	–	–	04.1
Waferscale	**27C010R**	1,048,576	DIP	32	132/0CC	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
Waferscale	**27C010R**	1,048,576	LCC	32	11B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	27C011	1,048,576	DIP	28	5C/C9	3.0	3.0	–	–	1.2	21	086	–	–	1.1	EPROM	16	28	3.0	3.1	–	1.0	4.1	32	–
AMD/MMI	27C100	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
AMD/MMI	27C100	1,048,576	DIP	32	D6/CC	2.7	2.7	–	–	1.0	20	104/BD	–	–	3.0	EPROM	–	–	2.7	3.3	–	5.0	5.0	32	03
Intel	27C100	1,048,576	DIP	32	5C/CC	3.0	3.0	–	–	1.1	21	104/BD	–	–	3.0	EPROM	–	–	3.0	3.0	–	5.0	5.0	32	04.2
Intel	27C100	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	DIP	32	8F/CC	2.8	2.8	–	–	1.0	–	–	11	005	1.1	EPROM	09	40	2.8	2.8	–	2.0	4.1	32	01.3
Mitsubishi Elec.	27C100	1,048,576	DIP	32	91/CC	–	–	–	–	–	15	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	FP	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C100	1,048,576	JLCC	32	08F/127	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	JLCC	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C100	1,048,576	JLCC	32	091/127	–	–	–	–	–	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	LCC	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C100	1,048,576	PLCC	32	08F/127	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	PLCC	32	8F/CC	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C100	1,048,576	PLCC	32	091/127	–	–	–	–	–	18	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100	1,048,576	SO	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C100-PG	1,048,576	DIP	32	F8F/0CC	–	–	–	–	–	–	–	–	–	–	–	09	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C100-PG	1,048,576	PLCC	32	F8F/0CC	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Fujitsu	27C1000	1,048,576	DIP	32	6C/CC	2.0	2.0	–	–	1.0	13	104/BD	11	005	1.1	EPROM	07	40	2.0	2.0	–	1.0	4.1	32	01
NEC	27C1000	1,048,576	DIP	32	71/CC	2.3	2.3	–	–	1.0	13	104/BD	11	005	1.1	EPROM	–	–	2.3	2.3	–	1.2	4.1	32	01.1
NEC	27C1000	1,048,576	DIP	32	C71/0CC	–	–	–	–	–	–	–	–	–	–	–	07	40	–	–	–	–	–	–	–
SGS-Thomson	27C1000	1,048,576	DIP	32	5C/CC	2.7	2.7	–	–	1.0	20	104/BD	–	–	3.0	EPROM	–	–	2.7	3.2	–	5.0	5.0	32	03
SGS-Thomson	27C1000	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	15	40	–	–	–	–	–	–	–
Sony	27C1000	1,048,576	DIP	32	16A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Sony	27C1000	1,048,576	DIP	32	5C/CC	3.0	3.0	–	–	1.1	22	104/BD	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Sony	27C1000	1,048,576	DIP	32	F5C/0CC	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Fujitsu	27C1000	1,048,576	LCC	36	6C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C1000	1,048,576	SO	32	6C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C1000-PG	1,048,576	DIP	32	F6C/0CC	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–
NEC	27C1000A	1,048,576	DIP	32	71/CC	2.6	2.6	–	–	1.0	19	104/BD	–	–	–	–	–	–	2.6	2.6	–	–	–	–	01.3
NEC	27C1000A	1,048,576	DIP	32	C71/0CC	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Fujitsu	27C1001	1,048,576	DIP	32	6C/CB	2.0	2.0	–	–	1.0	13	104/BD	11	005	1.1	EPROM	07	40	2.0	2.0	–	1.0	4.1	32	01
NEC	27C1001	1,048,576	DIP	32	71/CB	2.2	2.2	–	–	1.0	13	104/BD	11	005	1.1	EPROM	07	40	2.2	2.2	–	1.2	4.1	32	01.1
SGS-Thomson	27C1001	1,048,576	DIP	32	5C/CB	2.7	2.7	–	–	1.0	20	104/BD	–	–	3.0	EPROM	–	–	2.7	2.7	–	5.0	5.0	32	03
SGS-Thomson	27C1001	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
Sony	27C1001	1,048,576	DIP	32	16A/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Sony	27C1001	1,048,576	DIP	32	A5C/0CB	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Sony	27C1001	1,048,576	DIP	32	5C/CB	3.0	3.0	–	–	1.1	22	104/BD	–	–	–	–	–	–	3.0	3.0	–	–	–	–	–
Fujitsu	27C1001	1,048,576	JLCC	32	6C/DE	–	–	3.0	3.0	1.1	20	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C1001	1,048,576	LCC	32	6C/DE	–	–	–	–	–	21	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C1001	1,048,576	SO	32	6C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Fujitsu	27C1001-PG	1,048,576	DIP	32	F6C/0CB	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–

EPROMs

CONTINUED

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
NEC	27C1001A	1,048,576	DIP	32	71/CB	2.6	2.6	–	–	1.0	17	104/BD	14	005	2.0	EPROM	12	40	2.6	2.6	–	3.0	4.1	32	01.3
NEC	27C1001A-PG	1,048,576	DIP	32	E71/0CB	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Hitachi	27C101	1,048,576	DIP	32	8F/CB	2.8	2.8	–	–	1.0	11	104/BD	11	005	1.1	EPROM	05	40	2.8	2.8	–	1.2	4.1	32	01.1
Mitsubishi Elec.	27C101	1,048,576	DIP	32	8F/CB	2.8	2.8	–	–	1.0	–	–	11	005	1.1	EPROM	09	40	2.8	2.8	–	2.0	4.1	32	01.3
Mitsubishi Elec.	27C101	1,048,576	DIP	32	91/CB	–	–	–	–	–	15	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C101	1,048,576	FP	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C101	1,048,576	LCC	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C101	1,048,576	PLCC	32	8F/CB	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C101	1,048,576	PLCC	32	8F/DE	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C101	1,048,576	PLCC	32	91/DE	–	–	–	–	–	20	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	27C101	1,048,576	SO	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Mitsubishi Elec.	27C101	1,048,576	SO	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Hitachi	27C101-PG	1,048,576	DIP	32	F8F/0CB	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C101-PG	1,048,576	DIP	32	F8F/0CB	–	–	–	–	–	–	–	–	–	–	–	09	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C101-PG	1,048,576	PLCC	32	F8F/0CB	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Hitachi	27C101A	1,048,576	DIP	32	8F/CB	3.1	3.1	–	–	1.2	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C102	1,048,576	DIP	40	8E/A8	2.8	2.8	–	–	1.1	14	095	13	005	1.1	EPROM	09	40	2.8	2.8	–	2.0	4.1	40	01.3
Mitsubishi Elec.	27C102	1,048,576	FP	40	8E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C102	1,048,576	JLCC	44	8E/88	–	–	3.3	3.3	1.4	24	095P	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C102	1,048,576	LCC	44	8E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C102	1,048,576	PLCC	44	8E/88	–	–	2.8	3.0	1.1	18	095P	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C102	1,048,576	PLCC	44	8E/A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C102	1,048,576	SO	40	8E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Mitsubishi Elec.	27C102-PG	1,048,576	DIP	40	F8E/0A8	–	–	–	–	–	–	–	–	–	–	–	09	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C102-PG	1,048,576	PLCC	44	F8E/0A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	–
AMD/MMI	27C1024	1,048,576	DIP	40	5F/A8	2.5	2.5	–	–	1.0	18	095	14	005	–	–	17	40	2.5	2.5	–	5.0	5.0	40	01.2
AMD/MMI	27C1024	1,048,576	DIP	40	6E/A8	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	–
Atmel	27C1024	1,048,576	DIP	40	141/0A8	2.7	2.7	–	–	1.0	–	–	–	–	3.0	EPROM	14	40	2.7	2.7	–	5.0	5.0	40	03
Atmel	27C1024	1,048,576	DIP	40	5F/A8	–	–	–	–	–	16	095	14	005	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	27C1024	1,048,576	DIP	40	6D/A8	2.1	2.1	–	–	1.0	11	095	11	005	3.0	EPROM	05	40	2.1	2.0	–	2.0	4.1	40	01
Hitachi	27C1024	1,048,576	DIP	40	8E/A8	2.8	2.8	–	–	1.1	13	095	11	005	1.1	EPROM	07	40	2.8	2.8	–	2.0	4.1	40	01.1
National	27C1024	1,048,576	DIP	40	5F/A8	2.2	2.2	–	–	1.0	16	095	14	005	2.0	EPROM	11	40	2.2	2.2	–	1.2	4.1	40	01.1
NEC	27C1024	1,048,576	DIP	40	6F/A8	2.4	2.4	–	–	1.0	11	095	11	005	1.1	EPROM	–	–	2.4	2.4	–	1.2	4.1	40	02
NEC	27C1024	1,048,576	DIP	40	F71/0A8	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
SGS-Thomson	27C1024	1,048,576	DIP	40	5F/A8	2.2	2.2	–	–	1.0	16	095	13	005	1.1	EPROM	11	40	2.2	2.8	–	3.0	4.1	40	01
Hitachi	27C1024	1,048,576	JLCC	44	8E/88	–	–	3.0	3.0	1.1	21	095P	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Hitachi	27C1024	1,048,576	JLCC	44	8E/A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	01.1
AMD/MMI	27C1024	1,048,576	LCC	44	5F/88	–	–	2.5	3.0	1.2	18	095P	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Atmel	27C1024	1,048,576	LCC	44	141/088	–	–	2.7	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Atmel	27C1024	1,048,576	LCC	44	5F/88	–	–	–	–	–	16	095P	–	–	–	–	–	–	–	–	–	–	–	–	–
Fujitsu	27C1024	1,048,576	LCC	44	6D/88	–	–	2.8	3.0	1.2	21	095P	–	–	–	–	–	–	–	–	–	–	–	–	01
AMD/MMI	27C1024	1,048,576	PLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.2
Atmel	27C1024	1,048,576	PLCC	44	141/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Hitachi	27C1024	1,048,576	PLCC	44	8E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
SGS-Thomson	27C1024	1,048,576	PLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Hitachi	27C1024-PG	1,048,576	DIP	40	F8E/0A8	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–
Hitachi	27C1024-PG	1,048,576	JLCC	44	F8E/0A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	–
NEC	27C1024A	1,048,576	DIP	40	6F/A8	2.6	2.6	–	–	1.0	19	095	–	–	3.0	EPROM	–	–	2.6	–	–	4.0	4.1	40	02
NEC	27C1024A	1,048,576	DIP	40	F71/0A8	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Fujitsu	27C1028	1,048,576	DIP	28	69/0D	2.3	2.3	–	–	1.0	11	107	–	–	–	–	–	–	2.3	–	–	–	–	–	–
Fujitsu	27C1028	1,048,576	LCC	32	069/157	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	27C210	1,048,576	DIP	40	5F/A8	2.5	2.5	–	–	1.0	18	095	14	005	3.0	EPROM	13	40	2.5	2.8	–	5.0	5.0	40	03
Intel	27C210	1,048,576	DIP	40	5F/A8	2.6	2.6	–	–	1.0	17	095	14	005	1.1	EPROM	13	40	2.6	2.6	–	1.0	4.1	40	01.3
Signetics	27C210	1,048,576	DIP	40	5F/A8	2.7	2.7	–	–	1.0	19	095	–	–	–	–	–	–	2.7	3.0	–	5.0	5.0	40	03
Signetics	27C210	1,048,576	DIP	40	B5F/0A8	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	–
TI	27C210	1,048,576	DIP	40	73/A8	2.7	2.7	–	–	1.1	18	095	–	–	1.1	EPROM	12	40	2.7	2.7	–	3.0	4.1	40	01.2
Catalyst	27C210	1,048,576	PLCC	32	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Intel	27C210	1,048,576	PLCC	44	5F/88	–	–	3.0	3.0	1.1	21	095P	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Intel	27C210	1,048,576	PLCC	44	5F/A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	01.3
Signetics	27C210	1,048,576	PLCC	44	5F/88	–	–	2.7	3.0	1.1	19	095P	–	–	–	–	–	–	–	–	–	–	–	–	03
Signetics	27C210	1,048,576	PLCC	44	B5F/0A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	–
Catalyst	27C210	1,048,576	SO	28	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Waferscale	**27C210L**	1,048,576	DIP	40	15C/0A8	–	–	–	–	–	21	095	–	–	3.0	EPROM	15	40	–	–	–	5.0	5.0	40	04.1
Waferscale	**27C210L**	1,048,576	DIP	40	15C/A8	3.0	3.0	–	–	1.1	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	04.1
Waferscale	**27C210L**	1,048,576	JLCC	44	15C/088	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C210L**	1,048,576	JLCC	44	15C/0A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	04.1
Waferscale	**27C210L**	1,048,576	LCC	44	15C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C210L**	1,048,576	PLCC	44	15C/088	–	–	3.0	3.0	1.1	21	095P	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Waferscale	**27C210L**	1,048,576	PLCC	44	15C/0A8	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	04.1
TI	27C212	1,048,576	JLCC	44	148/14C	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C213	1,048,576	DIP	40	136/136	2.8	2.8	–	–	–	20	106D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Hitachi	27C301	1,048,576	DIP	32	8F/CC	2.8	2.8	–	–	1.0	11	104/BD	11	005	1.1	EPROM	07	40	2.8	2.8	–	1.2	4.1	32	01.1
Hitachi	27C301	1,048,576	SO	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Hitachi	27C301-PG	1,048,576	DIP	32	F8F/0CC	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–
Hitachi	27C301A	1,048,576	DIP	32	8F/CC	3.1	3.1	–	–	1.2	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Hitachi	27C301A	1,048,576	DIP	32	F8F/0CC	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Hitachi	27C301A	1,048,576	SO	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
ICT	27CX010	1,048,576	DIP	32	109/0CB	–	–	–	–	–	21	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	27CX010	1,048,576	DIP	32	5C/CB	3.0	3.0	–	–	1.1	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	04.1
ICT	27CX010	1,048,576	DIP	32	A71/0CB	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
AMD/MMI	27H010	1,048,576	DIP	32	5C/CB	–	–	–	–	–	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27H010	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
AMD/MMI	27H010	1,048,576	DIP	32	D6/CB	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	3.3	–	–	–	–	04.3
AMD/MMI	27H010	1,048,576	LCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	27H010	1,048,576	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Toshiba	541000	1,048,576	DIP	32	5C/CB	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	3.0	4.1	32	04.1
Toshiba	541000	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Toshiba	541000	1,048,576	FP	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Toshiba	541001	1,048,576	DIP	32	5C/CC	–	–	–	–	–	–	–	–	–	2.0	EPROM	–	–	–	–	–	3.0	4.1	32	04.1
Toshiba	541001	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Sharp	571000	1,048,576	DIP	32	158/0CC	2.8	2.8	–	–	–	21	104/BD	–	–	3.0	EPROM	16	40	2.8	3.0	–	5.0	5.0	32	04.2
Toshiba	571000	1,048,576	DIP	32	5C/CB	2.0	2.0	–	–	1.0	11	104/BD	11	005	1.1	EPROM	–	–	2.0	2.0	–	2.0	4.1	32	01
Toshiba	571000	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	05	40	–	–	–	–	–	–	–
Toshiba	571000A	1,048,576	DIP	32	5C/CB	3.1	3.1	–	–	1.2	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Toshiba	571000A	1,048,576	DIP	32	D5C/0CB	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Sharp	571001	1,048,576	DIP	32	158/0CB	2.8	2.8	–	–	–	21	104/BD	–	–	–	–	16	40	2.8	–	–	–	–	–	04.2

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Toshiba	571001	1,048,576	DIP	32	5C/CC	2.0	2.0	–	–	1.0	11	104/BD	11	005	3.0	EPROM	–	–	2.0	2.0	–	5.0	5.0	32	01
Toshiba	571001	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	07.1	40	–	–	–	–	–	–	–
Toshiba	571001A	1,048,576	DIP	32	5C/CC	3.3	3.3	–	–	1.3	24	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Toshiba	571001A	1,048,576	DIP	32	C5C/0CC	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Toshiba	571024	1,048,576	DIP	40	5F/A8	2.1	2.1	–	–	1.0	14	095	11	005	1.1	EPROM	09	40	2.1	2.8	–	2.0	4.1	40	01
Toshiba	57H1000A	1,048,576	DIP	32	5C/CB	3.3	3.3	–	–	1.3	24	104/BD	–	–	–	–	–	–	–	3.3	–	–	–	–	–
Toshiba	57H1024	1,048,576	DIP	40	5F/A8	2.5	2.5	–	–	1.0	18	095	14	005	2.0	EPROM	12	40	2.5	2.8	–	4.0	4.1	40	03
Toshiba	57H1024	1,048,576	JLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Toshiba	57H1025A	1,048,576	DIP	40	5F/A8	3.2	3.2	–	–	1.3	24	095	–	–	–	–	17	40	–	–	–	–	–	–	–
National	87C010	1,048,576	DIP	32	FB8/110	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
SGS-Thomson	27C2001	2,049,152	DIP	32	5C/F5	3.2	3.2	–	–	–	23	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	04.2
SGS-Thomson	27C2001	2,049,152	DIP	32	D5C/0F5	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	–
AMD/MMI	27C020	2,097,152	DIP	32	D5C/0F5	–	–	–	–	–	–	–	–	–	–	–	13	40	–	–	–	–	–	–	–
AMD/MMI	27C020	2,097,152	DIP	32	D6/F5	2.6	2.6	–	–	1.0	19	104/BD	–	–	3.0	EPROM	–	–	2.6	2.8	–	5.0	5.0	32	03
Intel	27C020	2,097,152	DIP	32	5C/F5	2.7	2.7	–	–	1.0	19	104/BD	–	–	3.0	EPROM	–	–	2.7	2.7	–	5.0	5.0	32	03
Intel	27C020	2,097,152	DIP	32	D5C/0F5	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
AMD/MMI	27C020	2,097,152	LCC	32	0D6/12D	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C020	2,097,152	LCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
AMD/MMI	27C020	2,097,152	LCC	32	5C/12D	–	–	–	–	–	24	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C020	2,097,152	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Intel	27C020	2,097,152	PLCC	32	05C/12D	–	–	3.1	3.1	1.2	22	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C020	2,097,152	PLCC	32	D5C/0F5	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Intel	27C020	2,097,152	PLCC	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Fujitsu	27C1024-PG	2,097,152	DIP	40	F6D/0A8	–	–	–	–	–	–	–	–	–	–	–	08	40	–	–	–	–	–	–	–
OKI	27C2000	2,097,152	DIP	32	5C/F5	3.1	3.1	–	–	1.2	22	104/BD	–	–	–	–	–	–	–	3.1	–	–	–	–	04.2
OKI	27C2000	2,097,152	DIP	32	D5C/0F5	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	–
NEC	27C2001	2,097,152	DIP	32	71/F5	2.3	2.3	–	–	1.0	15	104/BD	13	005	1.1	EPROM	–	–	2.3	2.3	–	3.0	4.1	32	01.1
NEC	27C2001	2,097,152	DIP	32	F71/0F5	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
NEC	27C2001-PG	2,097,152	DIP	32	E71/0F5	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C201	2,097,152	DIP	32	17E/0F5	–	–	–	–	–	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C201	2,097,152	DIP	32	8F/F5	2.8	2.8	–	–	1.1	–	–	–	–	3.0	EPROM	14	40	2.8	2.8	–	5.0	5.0	32	03
Mitsubishi Elec.	27C201	2,097,152	FP	32	8F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Mitsubishi Elec.	27C201	2,097,152	JLCC	32	8F/12D	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C201	2,097,152	JLCC	32	8F/F5	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C201-PG	2,097,152	DIP	32	F8F/0F5	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C201-PG	2,097,152	JLCC	32	F8F/0F5	–	–	–	–	–	–	–	–	–	–	–	18	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C202	2,097,152	DIP	40	8E/DF	2.8	2.8	–	–	1.1	20	095	–	–	3.0	EPROM	14	40	2.8	2.8	–	5.0	5.0	40	03
Mitsubishi Elec.	27C202	2,097,152	FP	40	8E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Mitsubishi Elec.	27C202	2,097,152	JLCC	44	08E/173	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Mitsubishi Elec.	27C202	2,097,152	JLCC	44	8E/DF	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	–
Mitsubishi Elec.	27C202-PG	2,097,152	DIP	40	F8E/0DF	–	–	–	–	–	–	–	–	–	–	–	14	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C202-PG	2,097,152	JLCC	44	F8E/0DF	–	–	–	–	–	–	–	–	–	–	–	18	44	–	–	–	–	–	–	–
AMD/MMI	27C2048	2,097,152	DIP	40	05F/16B	–	–	–	–	–	21	095	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C2048	2,097,152	DIP	40	E5F/0DF	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
AMD/MMI	27C2048	2,097,152	DIP	40	5F/DF	3.0	3.0	–	–	1.1	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	04.1
AMD/MMI	27C2048	2,097,152	LCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	27C2048	2,097,152	PLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	27C220	2,097,152	DIP	40	5F/DF	2.6	2.6	–	–	1.0	18	095	–	–	3.0	EPROM	13	40	2.6	3.0	–	5.0	5.0	40	01.3
Intel	27C220	2,097,152	JLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Intel	27C220	2,097,152	PLCC	44	05F/173	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C220	2,097,152	PLCC	44	5F/DF	–	–	–	–	–	–	–	–	–	–	–	17	44	–	–	–	–	–	–	01.3
Intel	27C220	2,097,152	PLCC	44	5F/EC	–	–	–	–	–	21	095P	–	–	–	–	–	–	–	–	–	–	–	–	01.3
Signetics	27C240	2,097,152	DIP	40	5F/89	–	–	–	–	–	24	095	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Signetics	27C240	2,097,152	DIP	40	F5F/089	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Signetics	27C240	2,097,152	PLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	27C040	4,194,304	DIP	32	5C/F6	–	–	–	–	–	23	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C040	4,194,304	DIP	32	FD6/0F6	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
AMD/MMI	27C040	4,194,304	DIP	32	D6/F6	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–	3.3	–	–	–	–	04.3
Intel	27C040	4,194,304	DIP	32	5C/F6	3.1	3.1	–	–	1.2	22	104/BD	–	–	–	–	–	–	–	3.1	–	–	–	–	04.2
Intel	27C040	4,194,304	DIP	32	95C/0F6	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	–
AMD/MMI	27C040	4,194,304	LCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
AMD/MMI	27C040	4,194,304	PLCC	32	D6/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	27C040	4,194,304	SO	32	5C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Waferscale	**27C040L**	4,194,304	DIP	32	164/0F6	3.0	3.0	–	–	–	22	104/BD	–	–	–	–	16	40	3.0	–	–	–	–	–	04.1
Waferscale	**27C040L**	4,194,304	LCC	32	164/16D	–	–	3.0	3.0	–	23	104P/BP	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Intel	27C240	4,194,304	DIP	40	5F/89	2.6	2.6	–	–	1.0	18	095	–	–	3.0	EPROM	–	–	2.6	3.0	–	5.0	5.0	40	03
Intel	27C240	4,194,304	DIP	40	F5F/089	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Intel	27C240	4,194,304	PLCC	44	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Intel	27C400	4,194,304	DIP	40	05F/172	3.2	3.2	–	–	–	23	123D	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	27C400	4,194,304	DIP	40	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Intel	27C400	4,194,304	DIP	40	F5C/172	–	–	–	–	–	–	–	–	–	–	–	17	40	–	–	–	–	–	–	–
Intel	27C400	4,194,304	SO	40	5F/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
NEC	27C4000	4,194,304	DIP	40	06F/172	–	–	–	–	–	24	123D	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	27C4001	4,194,304	DIP	32	71/F6	2.4	2.4	–	–	1.0	17	104/BD	13	005	2.0	EPROM	–	–	2.4	–	–	4.0	4.1	32	01.3
NEC	27C4001	4,194,304	DIP	32	B71/0F6	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
SGS-Thomson	27C4001	4,194,304	DIP	32	5C/F6	3.3	3.3	–	–	1.3	24	104/BD	–	–	–	–	–	–	–	3.3	–	–	–	–	–
SGS-Thomson	27C4001	4,194,304	DIP	32	95C/0F6	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C401	4,194,304	DIP	32	168/0F6	3.1	3.1	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Mitsubishi Elec.	27C401	4,194,304	DIP	32	5C/F6	–	–	–	–	–	22	104/BD	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Mitsubishi Elec.	27C402	4,194,304	DIP	40	5F/89	3.1	3.1	–	–	1.1	22	095	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Mitsubishi Elec.	27C402	4,194,304	DIP	40	D5F/089	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Hitachi	27C4096	4,194,304	DIP	40	163/089	3.0	3.0	–	–	1.3	22	095	–	–	–	–	19	40	3.0	–	–	–	–	–	04.1
NEC	27C4096	4,194,304	DIP	40	1A1/089	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
NEC	27C4096	4,194,304	DIP	40	6F/89	3.0	3.0	–	–	1.1	21	095	–	–	–	–	–	–	3.0	–	–	–	–	–	04.1
Hitachi	27C4096	4,194,304	JLCC	44	163/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Hitachi	27C4096	4,194,304	PLCC	44	163/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Hitachi	27C4096-PG	4,194,304	DIP	40	16B/089	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Toshiba	574000	4,194,304	DIP	32	12E/0F6	2.5	2.5	–	–	1.0	18	104/BD	–	–	2.0	EPROM	16	40	2.5	2.7	–	5.0	5.0	32	04.1
Toshiba	574000	4,194,304	SO	32	12E/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Toshiba	574200	4,194,304	DIP	40	169/172	3.1	3.1	–	–	–	23	123D	–	–	–	–	17	40	–	–	–	–	–	–	04.3
SGS-Thomson	27C4002	4,258,304	DIP	40	5F/89	3.2	3.2	–	–	1.3	23	095	–	–	–	–	–	–	–	3.3	–	–	–	–	04.2
SGS-Thomson	27C4002	4,258,304	DIP	40	F5F/089	–	–	–	–	–	–	–	–	–	–	–	19	40	–	–	–	–	–	–	–
SGS-Thomson	27C4002	4,258,304	DIP	40	5F/89	3.2	3.2	–	–	1.3	24	095	–	–	–	–	–	–	–	3.3	–	–	–	–	04.2
Intel	27C800	8,516,608	DIP	42	199/1A9	–	3.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

BIPOLAR PLDs

CMOS PROMs

DATA SORTED BY:
Array, Device, Package, Manufacturer

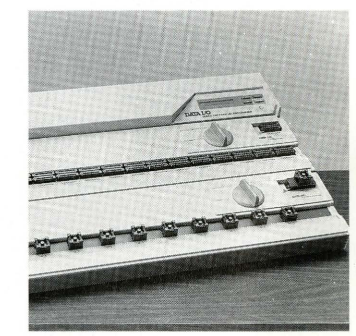
Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
National	93C06	256	DIP	8	118/178	3.1	3.1	–	–	1.3	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93CS06	256	DIP	8	118/178	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93CS06	256	DIP	8	173/178	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	59C11	1,024	DIP	8	123/11D	3.2	3.2	–	–	1.3	23	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	9346	1,024	DIP	8	118/10E	2.8	2.8	–	–	1.1	16	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
SGS-Thomson	9346	1,024	DIP	8	118/10E	3.2	3.2	–	–	–	23	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
EXEL	93C46	1,024	DIP	8	118/10E	3.2	3.2	–	–	–	23	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Hyundai	93C46	1,024	DIP	8	118/10E	2.8	2.8	–	–	1.1	16	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
ICT	93C46	1,024	DIP	8	118/10E	2.8	2.8	–	–	1.1	18	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
National	93C46	1,024	DIP	8	118/10E	3.1	3.1	–	–	1.2	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	93C46	1,024	DIP	8	118/10E	–	–	–	–	–	23	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	93C46A	1,024	DIP	8	118/10E	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93CS46	1,024	DIP	8	118/10E	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93CS46	1,024	DIP	8	173/10E	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93C56	2,048	DIP	8	174/179	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93C56	2,048	DIP	8	175/179	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	93C56A	2,048	DIP	8	175/179	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C225	4,096	DIP	24	F0/B6	2.2	2.2	–	–	1.0	12	–	–	–	2.0	EPROM	–	–	2.2	–	–	4.0	4.1	32	03
Cypress	7C225	4,096	LCC	28	0F0/17B	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C225	4,096	LCC	28	F0/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
National	93C66	4,096	DIP	8	174/17A	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93C66	4,096	DIP	8	175/17A	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	93C66A	4,096	DIP	8	175/17A	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	93CS66	4,096	DIP	8	175/17A	3.1	3.1	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
National	27C58A	8,192	DIP	24	19/22	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	07	1.0	4.1	32	01
National	27C58A	8,192	DIP	24	F19/022	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	27C58B	8,192	DIP	24	19/35	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	07	1.0	4.1	32	01
National	27C58B	8,192	DIP	24	F19/035	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Cypress	7C235	8,192	DIP	24	F0/B5	2.2	2.2	–	–	1.0	12	–	–	–	1.1	EPROM	–	–	2.2	–	–	1.0	4.1	32	03
Cypress	7C235	8,192	LCC	28	0F0/152	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C235	8,192	LCC	28	F0/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C235	8,192	PLCC	28	0F0/152	–	–	3.1	3.1	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C235	8,192	PLCC	28	F0/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C281	8,192	DIP	24	EE/B4	2.2	2.2	–	–	1.0	12	–	–	–	1.1	EPROM	–	–	2.2	–	–	5.0	5.0	32	–
Cypress	7C282	8,192	DIP	24	EE/B4	2.2	2.2	–	–	1.0	12	–	–	–	1.1	EPROM	–	–	2.2	–	–	1.0	4.1	32	–
AMD/MMI	27C191	16,384	DIP	24	EA/21	2.2	2.2	–	–	1.0	15	–	–	–	2.0	EPROM	12	28	2.2	2.2	08	3.0	4.1	32	04.2
AMD/MMI	27C191	16,384	PLCC	28	EA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
AMD/MMI	27C291	16,384	DIP	24	EA/21	2.2	2.2	–	–	1.0	15	–	–	–	2.0	EPROM	–	–	2.2	2.2	08	3.0	4.1	32	–
TI	27C291	16,384	DIP	24	E6/AF	1.7	1.7	–	–	1.1	13	–	–	–	–	–	–	–	1.7	–	–	–	–	–	–
TI	27C291	16,384	PLCC	28	E6/B7	–	–	1.6	3.0	1.1	13	093	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	27C292	16,384	DIP	24	E6/AF	1.7	1.7	–	–	1.1	13	–	–	–	–	–	–	–	1.7	–	–	–	–	–	–
AMD/MMI	27C45	16,384	DIP	28	0EA/142	–	–	–	–	–	20	066	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C45	16,384	DIP	28	EA/77	2.7	2.7	–	–	1.0	–	–	–	–	–	–	–	–	2.7	–	–	–	–	–	–
Asahi Kasei	27CX161	16,384	DIP	24	170/068	3.1	3.1	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Asahi Kasei	27CX161	16,384	DIP	24	82/68	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Asahi Kasei	27CX162	16,384	DIP	24	170/068	3.1	3.1	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Asahi Kasei	27CX162	16,384	DIP	24	82/68	–	–	–	–	–	22	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	27HC191	16,384	DIP	24	110/021	2.2	2.2	–	–	1.0	–	–	–	–	2.0	EPROM	–	–	2.2	–	–	3.0	4.1	32	–
Microchip	27HC191	16,384	DIP	24	115/021	–	–	–	–	–	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	27HC291	16,384	DIP	24	110/021	2.2	2.2	–	–	1.0	–	–	–	–	2.0	EPROM	–	–	2.2	–	–	3.0	4.1	32	–
Microchip	27HC291	16,384	DIP	24	115/021	–	–	–	–	–	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27S45A-L32	16,384	LCC	32	016/166	–	–	3.0	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	28HC191	16,384	DIP	24	D2/1C	2.5	2.5	–	–	1.0	18	–	–	–	1.1	EPROM	08	28	2.5	2.8	08	2.0	4.1	32	–
Atmel	28HC291	16,384	DIP	24	D2/1C	2.5	2.5	–	–	1.0	18	–	–	–	1.1	EPROM	–	–	2.5	–	08	2.0	4.1	32	–
Sharp	57191	16,384	DIP	24	7C/21	2.0	2.0	–	–	–	–	–	–	–	–	–	–	–	2.0	2.8	08	–	–	–	–
Sharp	57191	16,384	DIP	24	DC/21	–	–	–	–	–	14	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Waferscale	57C191	16,384	DIP	24	7B/21	2.0	2.0	–	–	1.3	12	–	–	–	1.1	EPROM	12	28	2.0	2.0	07	4.0	4.1	32	04.3
Waferscale	57C191	16,384	LCC	28	7B/8B	–	–	2.8	3.0	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C191B	16,384	DIP	24	7B/21	2.5	2.5	–	–	1.3	17	–	–	–	–	–	13	28	2.5	2.8	–	2.0	4.1	32	04.3
Waferscale	57C191B	16,384	PLCC	28	7B/8B	–	–	2.5	3.0	1.3	18	093	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C191C	16,384	DIP	24	12D/021	2.5	2.5	–	–	1.3	18	–	–	–	–	–	13	28	2.5	–	–	–	–	–	04.3
Waferscale	57C291	16,384	DIP	24	7B/21	2.5	2.5	–	–	1.3	12	–	–	–	1.1	EPROM	19	28	2.5	2.8	08	2.0	4.1	32	04.3
Waferscale	57C291	16,384	LCC	28	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C291B	16,384	DIP	28	7B/21	–	–	–	–	–	17	–	–	–	–	–	–	–	–	–	–	4.0	4.1	32	04.3
Waferscale	57C45	16,384	DIP	24	122/0B0	2.7	2.7	–	–	1.2	17	–	–	–	–	–	–	–	2.7	–	–	–	–	–	–
Waferscale	57C45	16,384	LCC	28	122/153	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	57C45T	16,384	DIP	24	122/0B0	–	–	–	–	–	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C245	16,384	DIP	24	F0/B0	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	2.2	–	–	1.0	4.1	32	–
Cypress	7C245	16,384	DIP	24	F4/B0	2.2	2.2	–	–	1.0	14	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C245	16,384	LCC	28	0F0/153	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C245	16,384	LCC	28	0F4/153	–	–	–	–	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C245	16,384	LCC	28	F4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C245	16,384	SO	24	0F0/8B0	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C245	16,384	SO	24	F4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C245A	16,384	DIP	24	10B/0B0	2.3	2.3	–	–	1.0	15	–	–	–	–	–	–	–	2.3	–	–	–	–	–	02
Cypress	7C245A	16,384	LCC	28	10B/7B0	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Cypress	7C291	16,384	DIP	24	F2/AF	2.2	2.2	–	–	1.1	13	–	–	–	2.0	EPROM	–	–	2.2	–	–	1.0	4.1	32	03
Cypress	7C291	16,384	LCC	28	0F2/7AF	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C291	16,384	LCC	28	F2/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C291	16,384	PLCC	28	0F2/7AF	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C291	16,384	PLCC	28	F2/B7	–	–	–	–	–	13	093	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C291A	16,384	DIP	24	10C/0AF	2.3	2.3	–	–	1.0	20	–	–	–	2.0	EPROM	–	–	2.3	–	–	4.0	4.1	32	03
Cypress	7C291A	16,384	LCC	28	10C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C292	16,384	DIP	24	F2/AF	2.2	2.2	–	–	1.1	13	–	–	–	2.0	EPROM	–	–	2.2	–	–	1.0	4.1	32	03
Cypress	7C292	16,384	LCC	28	F2/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C292A	16,384	DIP	24	10C/0AF	2.3	2.3	–	–	1.0	15	–	–	–	–	–	–	–	2.3	–	–	–	–	–	03
Cypress	7C292A	16,384	LCC	28	10C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C293A	16,384	DIP	24	10C/0AF	2.8	2.8	–	–	1.0	15	–	–	–	–	–	–	–	2.8	–	–	–	–	–	04.1
Cypress	7C293A	16,384	LCC	28	10C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
AMD/MMI	27C43	32,768	DIP	24	EA/63	2.7	2.7	–	–	1.0	20	–	–	–	–	–	14	28	2.7	3.0	–	–	–	–	04.2

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Waferscale	27C43	32,768	DIP	24	7B/63	2.0	2.0	–	–	1.0	–	–	–	–	–	–	–	–	2.0	2.0	–	–	–	–	–
AMD/MMI	27C43	32,768	FP	24	EA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
AMD/MMI	27C43	32,768	LCC	28	EA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Asahi Kasei	27CX321	32,768	DIP	24	82/63	–	–	–	–	–	24	–	–	–	–	–	19	28	–	–	–	–	–	–	–
ICT	27CX321	32,768	DIP	24	82/63	2.8	2.8	–	–	1.1	17	–	–	–	–	–	12	28	2.8	–	–	–	–	–	–
Asahi Kasei	27CX322	32,768	DIP	24	82/63	3.0	3.0	–	–	1.1	22	–	–	–	–	–	19	28	3.0	–	–	–	–	–	–
ICT	27CX322	32,768	DIP	24	82/63	2.8	2.8	–	–	1.1	17	–	–	–	–	–	17	28	2.8	–	–	–	–	–	–
Waferscale	57C43	32,768	LCC	28	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C43B	32,768	DIP	24	7B/63	2.5	2.5	–	–	1.3	17	–	–	–	–	–	13	28	2.5	2.5	–	5.0	5.0	32	04.3
Waferscale	57C43B	32,768	PLCC	28	7B/8E	–	–	2.5	3.0	1.3	18	093	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C43BT	32,768	DIP	24	7B/63	2.5	2.5	–	–	1.3	19	–	–	–	–	–	17	28	2.5	–	–	–	–	–	04.3
Waferscale	57C43C	32,768	DIP	24	12D/063	2.5	2.5	–	–	1.3	18	–	–	–	–	–	13	28	2.5	–	–	–	–	–	04.3
AMD/MMI	27C49	65,536	DIP	24	EA/67	2.2	2.2	–	–	1.0	15	–	–	–	2.0	EPROM	12	28	2.2	2.2	08	3.0	4.1	32	04.2
TI	27C49	65,536	DIP	24	11A/031	3.0	3.0	–	–	1.1	17	–	–	–	–	–	–	–	3.0	–	–	–	–	–	–
AMD/MMI	27C49	65,536	LCC	28	EA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
AMD/MMI	27C49	65,536	PLCC	32	EA/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Asahi Kasei	27CX641	65,536	DIP	24	82/67	3.0	3.0	–	–	1.1	22	–	–	–	–	–	16	28	3.0	–	–	–	–	–	–
ICT	27CX641	65,536	DIP	24	82/67	2.8	2.8	–	–	1.1	14	–	–	–	–	–	12	28	2.8	–	–	–	–	–	–
Asahi Kasei	27CX642	65,536	DIP	24	82/67	3.0	3.0	–	–	1.1	22	–	–	–	–	–	17	28	3.0	–	–	–	–	–	–
ICT	27CX642	65,536	DIP	24	82/67	2.8	2.8	–	–	1.1	14	–	–	–	–	–	17	28	2.8	–	–	–	–	–	–
Atmel	27HC641	65,536	DIP	24	90/67	2.0	2.0	–	–	1.0	11	–	13	005	1.1	EPROM	12	28	2.0	2.0	07	3.0	4.1	32	04.2
Microchip	27HC641	65,536	DIP	24	115/067	–	–	–	–	–	21	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	27HC641	65,536	DIP	24	90/67	–	–	–	–	–	–	–	13	005	1.1	EPROM	12	28	–	–	–	3.0	4.1	32	–
Microchip	27HC641	65,536	DIP	24	13A/067	2.6	2.6	–	–	–	–	–	–	–	–	–	–	–	2.6	–	–	–	–	–	–
Signetics	27HC641	65,536	DIP	24	87/67	2.8	2.8	–	–	1.0	15	–	–	–	–	–	18	28	2.8	2.8	08	–	–	–	–
Atmel	27HC641	65,536	LCC	28	090/767	–	–	2.3	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27HC641	65,536	LCC	28	90/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Atmel	27HC641	65,536	PLCC	28	090/767	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27HC641	65,536	PLCC	28	90/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
Signetics	27HC641	65,536	PLCC	28	87/9A	–	–	2.8	3.0	1.1	15	093	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	27HC641R	65,536	DIP	24	115/067	–	–	–	–	–	24	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sharp	5749	65,536	DIP	24	7C/67	2.0	2.0	–	–	–	13	–	–	–	1.1	EPROM	12	28	2.0	2.0	07	3.0	4.1	32	04.3
Waferscale	57C49	65,536	DIP	24	3C/67	–	–	–	–	–	12	–	–	–	–	–	–	–	–	–	07	–	–	–	–
Waferscale	57C49	65,536	DIP	24	F3C/067	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Waferscale	57C49	65,536	DIP	24	7B/67	2.0	2.0	–	–	1.3	–	–	–	–	1.1	EPROM	–	–	2.0	2.0	–	4.0	4.1	32	04.3
Waferscale	57C49	65,536	LCC	28	7B/9A	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C49B	65,536	DIP	24	3C/67	–	–	–	–	–	17	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	57C49B	65,536	DIP	24	F3C/067	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
Waferscale	57C49B	65,536	DIP	24	7B/67	2.5	2.5	–	–	1.3	–	–	–	–	–	–	–	–	2.5	2.8	–	3.0	4.1	32	04.3
Waferscale	57C49B	65,536	FP	24	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C49B	65,536	LCC	28	7B/9A	–	–	2.5	3.0	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C49B	65,536	PLCC	28	3C/9A	–	–	–	–	–	18	093	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	57C49B	65,536	PLCC	28	7B/9A	–	–	2.5	3.0	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C49BT	65,536	DIP	24	3C/67	–	–	–	–	–	19	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	57C49BT	65,536	DIP	24	F3C/067	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Waferscale	57C49BT	65,536	DIP	24	7B/67	2.5	2.5	–	–	1.3	–	–	–	–	–	–	–	–	2.5	–	–	–	–	–	04.3
Waferscale	57C49C	65,536	DIP	24	12D/067	2.5	2.5	–	–	1.3	18	–	–	–	–	–	13	28	2.5	–	–	–	–	–	04.3
Cypress	7C261	65,536	DIP	24	EF/31	2.3	2.3	–	–	1.1	15	–	–	–	1.1	EPROM	–	–	2.3	–	–	3.0	4.1	32	04
Cypress	7C261	65,536	LCC	28	0EF/17D	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C261	65,536	LCC	28	EF/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04
Cypress	7C263	65,536	DIP	24	EF/31	2.3	2.3	–	–	1.1	15	–	–	–	–	–	–	–	2.3	–	–	3.0	4.1	32	04
Cypress	7C263	65,536	LCC	28	EF/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04
Cypress	7C264	65,536	DIP	24	EF/31	2.3	2.3	–	–	1.1	15	–	–	–	1.1	EPROM	–	–	2.3	–	–	3.0	4.1	32	04
Cypress	7C264	65,536	LCC	28	EF/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04
Cypress	7C265	65,536	DIP	28	ED/E5	2.8	2.8	–	–	1.0	21	086	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Cypress	7C266	65,536	DIP	28	0EF/12C	2.7	2.7	–	–	1.1	21	086	–	–	–	–	–	–	2.7	–	–	–	–	–	–
Cypress	7C268	65,536	DIP	32	ED/E4	2.1	2.1	–	–	1.0	–	–	–	–	–	–	–	–	2.1	–	–	–	–	–	–
Cypress	7C269	65,536	DIP	28	ED/E5	2.2	2.2	–	–	1.0	14	086	–	–	–	–	–	–	2.2	–	–	–	–	–	–
Cypress	7C269	65,536	LCC	28	0ED/17E	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	27C51	131,072	DIP	28	129/120	2.5	2.5	–	–	1.0	18	086	–	–	–	–	14	28	2.5	2.5	–	–	–	–	–
Waferscale	57C51	131,072	DIP	28	7B/78	2.0	2.0	–	–	–	13	101	–	–	1.1	EPROM	–	–	2.0	2.0	–	4.0	4.1	32	04.3
Waferscale	57C51	131,072	DIP	28	F7B/078	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Waferscale	57C51	131,072	PLCC	32	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C51B	131,072	DIP	28	7B/78	2.5	2.5	–	–	1.3	17	101	–	–	–	–	–	–	2.5	3.0	–	3.0	4.1	32	04.3
Waferscale	57C51B	131,072	DIP	28	F7B/078	–	–	–	–	–	–	–	–	–	–	–	13	28	–	–	–	–	–	–	–
Waferscale	57C51B	131,072	FP	28	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C51B	131,072	LCC	32	07B/123	–	–	2.5	3.0	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	57C51B	131,072	LCC	32	7B/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.3
Waferscale	57C51BT	131,072	DIP	28	7B/78	2.5	2.5	–	–	1.3	19	101	–	–	–	–	–	–	2.5	2.5	–	–	–	–	04.3
Waferscale	57C51BT	131,072	DIP	28	F7B/078	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Waferscale	57C51C	131,072	DIP	28	12D/078	2.5	2.5	–	–	1.3	18	101	–	–	–	–	13	28	2.5	–	–	–	–	–	04.3
Cypress	7C251	131,072	DIP	28	EB/E6	1.6	1.6	–	–	1.1	14	086	–	–	1.1	EPROM	17	28	1.6	–	–	3.0	4.1	32	03
Cypress	7C251	131,072	LCC	32	0EB/17C	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C251	131,072	LCC	32	EB/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Cypress	7C254	131,072	DIP	28	EB/E6	1.6	1.6	–	–	1.1	14	086	–	–	1.1	EPROM	17	28	1.6	–	–	3.0	4.1	32	03
Cypress	7C254	131,072	LCC	28	EB/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Waferscale	57C71C	262,144	DIP	28	12D/169	3.0	3.0	–	–	1.3	23	101	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Cypress	**7C271**	262,144	DIP	28	142/13D	3.0	3.0	–	–	1.0	21	086	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Cypress	**7C271**	262,144	LCC	32	142/17F	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**7C274**	262,144	DIP	28	142/13E	3.0	3.0	–	–	1.1	23	086	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Cypress	**7C277**	262,144	DIP	28	142/188	3.2	3.2	–	–	1.2	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C279	262,144	DIP	28	142/176	3.1	3.1	–	–	1.2	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C285	524,288	DIP	28	190/19D	3.3	3.3	–	–	1.4	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C286	524,288	DIP	28	190/1A0	3.3	3.3	–	–	1.4	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C287	524,288	DIP	28	190/1A1	3.3	3.3	–	–	1.4	24	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C289	524,288	DIP	32	190/1A4	–	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

212 Multi Programmer

288A Multi Programmer



Series 1000 Parallel Programmers

EEPROMs

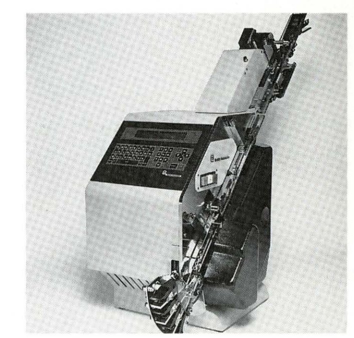
DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Fujitsu	**8541P**	256	DIP	8	14C/14D	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	3.0	–	–	–	–	–	–
Microchip	93C06	256	DIP	8	118/178	3.2	3.2	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	24C01	1,024	DIP	8	183/190	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	24C01/A	1,024	DIP	8	120/18F	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	24C01/A	1,024	DIP	8	F20/18F	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	24LC01	1,024	DIP	8	183/190	3.3	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	59C11	1,024	DIP	8	123/11D	2.8	2.8	–	–	1.0	17	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Microchip	59C11	1,024	DIP	8	123/11D	3.2	3.2	–	–	–	22	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	85C72	1,024	DIP	8	120/18F	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	85C72	1,024	DIP	8	F20/18F	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	93C46	1,024	DIP	8	118/10E	2.8	2.8	–	–	1.1	16	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Microchip	93C46	1,024	DIP	8	118/10E	3.2	3.2	–	–	–	22	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2402	2,048	DIP	8	120/119	2.8	2.8	–	–	1.1	19	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Xicor	2404	2,048	DIP	8	120/11A	2.8	2.8	–	–	1.1	17	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Microchip	24C02/A	2,048	DIP	8	120/119	–	–	–	–	–	17	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	24C02/A	2,048	DIP	8	F20/119	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	24LC04	2,048	DIP	8	120/11A	3.3	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	35C102	2,048	DIP	8	151/154	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Microchip	85C82	2,048	DIP	8	120/119	–	–	–	–	–	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	85C82	2,048	DIP	8	F20/119	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	24C04	4,096	DIP	8	120/11A	2.8	2.8	–	–	1.1	17	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Microchip	24C04/A	4,096	DIP	8	120/11A	2.8	2.8	–	–	–	17	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
EXEL	2804	4,096	DIP	24	B7/82	2.1	2.1	–	–	1.0	14	–	–	–	1.1	EPROM	09	28	2.1	2.8	08	2.0	4.1	32	01.1
SEEQ	2804	4,096	DIP	24	B7/82	–	–	–	–	–	13	–	–	–	1.1	EPROM	–	–	–	–	–	–	–	–	04.2
EXEL	2804A	4,096	DIP	24	B7/82	3.2	3.2	–	–	1.3	23	–	–	–	–	–	–	–	–	3.2	–	–	–	–	–
Xicor	2804A	4,096	DIP	24	B7/82	2.1	2.1	–	–	1.0	11	–	–	–	1.1	EPROM	01	28	2.1	2.1	05	1.0	4.1	32	01.4
Atmel	28C04	4,096	DIP	24	C4/82	2.5	2.5	–	–	1.0	11	–	–	–	2.0	EPROM	09	28	2.5	–	–	3.0	4.1	32	01.4
Atmel	28C04	4,096	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C04/A	4,096	DIP	24	C4/82	2.5	2.5	–	–	1.0	11	–	–	–	–	–	09	28	2.5	–	–	–	–	–	01.4
Microchip	28C04/A	4,096	PLCC	32	0C4/18E	–	–	3.2	3.2	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	28C04/A	4,096	PLCC	32	C4/82	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	–
Hughes	3004-1	4,096	DIP	24	58/62	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hughes	3004-2	4,096	DIP	24	58/61	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hughes	3104-1	4,096	DIP	24	58/62	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hughes	3104-2	4,096	DIP	24	58/61	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	33C104	4,096	DIP	8	155/156	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Catalyst	35C104	4,096	DIP	8	151/156	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Motorola	2808	8,192	DIP	28	81/72	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Hughes	3008	8,192	DIP	24	58/60	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hughes	3108	8,192	DIP	24	58/60	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	24C16	16,384	DIP	8	120/11B	2.8	2.8	–	–	1.1	17	120D	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Xicor	24LC16	16,384	DIP	8	120/11B	3.3	3.3	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	2815	16,384	DIP	24	85/23	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	01	–	–	–	–
Intel	2816	16,384	DIP	24	37/23	2.0	2.0	–	–	–	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	–
Motorola	2816	16,384	DIP	24	43/23	2.0	2.0	–	–	1.0	07	–	–	–	–	–	–	–	2.0	2.0	01	–	–	–	–
National	2816	16,384	DIP	24	37/23	2.0	2.0	–	–	–	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	01	1.0	4.1	32	–
EXEL	2816A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	07.1	28	–	–	–	–	–	–	–
EXEL	2816A	16,384	DIP	24	B7/23	2.1	2.1	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.1	2.1	05	1.0	4.1	32	01.1
Intel	2816A	16,384	DIP	24	A5/96	2.1	2.1	–	–	–	07	–	–	–	1.1	EPROM	01	28	2.1	2.1	04	1.0	4.1	32	01.4
Rockwell	2816A	16,384	DIP	24	A5/96	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04	–	–	–	–
Samsung	2816A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	06	28	–	–	–	–	–	–	–
Samsung	2816A	16,384	DIP	24	B7/23	2.1	2.1	–	–	1.0	11	–	–	–	1.1	EPROM	–	–	2.1	2.1	07	1.0	4.1	32	01.1
SEEQ	2816A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	06	28	–	–	–	–	–	–	–
SEEQ	2816A	16,384	DIP	24	B7/23	2.1	2.1	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.1	2.1	05	1.0	4.1	32	01.1
Xicor	2816A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Xicor	2816A	16,384	DIP	24	B7/23	2.1	2.1	–	–	1.0	11	–	–	–	1.1	EPROM	–	–	2.1	2.1	05	1.0	4.1	32	01
Xicor	2816A	16,384	LCC	32	0B7/10D	–	–	–	–	–	20	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816A	16,384	LCC	32	0B7/15C	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816A	16,384	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
EXEL	2816A	16,384	PLCC	28	0B7/10D	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
EXEL	2816A	16,384	PLCC	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
EXEL	2816A	16,384	PLCC	28	0B7/15C	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816A	16,384	PLCC	32	0B7/10D	–	–	–	–	–	20	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816A	16,384	PLCC	32	0B7/15C	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816A	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
Xicor	2816A	16,384	PLCC	32	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SEEQ	2816AH	16,384	DIP	24	0DF/F23	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	2816AH	16,384	DIP	24	DF/23	2.0	2.0	–	–	–	07	–	–	–	1.1	EPROM	–	–	2.0	2.0	07	2.0	4.1	32	–
SEEQ	2816AH	16,384	DIP	24	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2816B	16,384	DIP	24	0CC/F96	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
Xicor	2816B	16,384	DIP	24	C3/96	–	–	–	–	–	13	–	–	–	1.1	EPROM	–	–	–	–	08	2.0	4.1	32	–
Xicor	2816B	16,384	DIP	24	CC/96	2.5	2.5	–	–	1.0	–	–	–	–	–	–	–	–	2.5	2.8	–	–	–	–	–
Xicor	2816B	16,384	DIP	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2816B	16,384	LCC	32	0C3/10D	–	–	–	–	–	20	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816B	16,384	LCC	32	0CC/10D	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816B	16,384	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2816B	16,384	PLCC	32	0C3/10D	–	–	–	–	–	18	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816B	16,384	PLCC	32	0CC/10D	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816B	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2816B	16,384	PLCC	32	0CC/F96	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Xicor	2816C	16,384	DIP	24	CC/96	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–	3.2	–	–	–	–	–
Xicor	2816C	16,384	DIP	24	FCC/F96	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Xicor	2816C	16,384	PLCC	32	0CC/1AF	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2816C	16,384	PLCC	32	FCC/F96	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
Xicor	2816C	16,384	PLCC	32	C3/10D	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Motorola	2817	16,384	DIP	28	81/71	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2817A	16,384	DIP	28	BE/A2	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
AMD/MMI	2817A	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	11	086	–	–	1.1	EPROM	–	–	2.5	2.5	07	1.0	4.1	32	–
AMD/MMI	2817A	16,384	DIP	28	C3/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2817A	16,384	DIP	28	BF/A2	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Intel	2817A	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	05	28	2.5	2.5	05	1.0	4.1	32	–
Intel	2817A	16,384	DIP	28	C3/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Samsung	2817A	16,384	DIP	28	B7/A2	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	07	–	–	–	01.4
Samsung	2817A	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	13	086	–	–	1.1	EPROM	–	–	2.5	2.5	–	1.0	4.1	32	–
SEEQ	2817A	16,384	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2817A	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	–	–	2.5	2.5	01	1.0	4.1	32	–
SEEQ	2817A	16,384	DIP	28	FBF/0A2	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	2817AH	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	–	–	2.5	2.5	07	1.0	4.1	32	–
SEEQ	2817AH	16,384	DIP	28	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2817AH	16,384	DIP	28	DBF/0A2	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
Atmel	28C16	16,384	DIP	24	C4/96	2.1	2.1	–	–	1.0	11	–	–	–	2.0	EPROM	09	28	2.1	2.8	08	3.0	4.1	32	01.4
Samsung	28C16	16,384	DIP	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Samsung	28C16	16,384	DIP	24	FCA/096	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	–
Samsung	28C16	16,384	DIP	24	CA/23	2.8	2.8	–	–	1.0	21	–	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Atmel	28C16	16,384	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28C16	16,384	PLCC	32	0C4/10D	–	–	–	–	–	15	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	28C16	16,384	PLCC	32	C4/96	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.4
Atmel	28C16	16,384	PLCC	32	0C4/796	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	28C16	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Microchip	28C16/A	16,384	DIP	24	C4/96	2.1	2.1	–	–	1.0	11	–	–	–	–	–	09	28	2.1	2.8	08	–	–	–	01.4
Microchip	28C16/A	16,384	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C16/A	16,384	PLCC	32	0C4/10D	–	–	–	–	–	18	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	28C16/A	16,384	PLCC	32	C4/96	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.4
Microchip	28C16/A	16,384	PLCC	32	0C4/796	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	28C16A	16,384	DIP	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Catalyst	28C16A	16,384	DIP	24	C3/96	–	–	–	–	–	16	–	–	–	2.0	EPROM	12	28	–	–	–	3.0	4.1	32	–
Catalyst	28C16A	16,384	DIP	24	C4/96	2.2	2.2	–	–	1.0	–	–	–	–	–	–	–	–	2.2	2.2	–	–	–	–	–
EXEL	28C16A	16,384	DIP	24	C3/96	–	–	–	–	–	23	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OKI	28C16A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	11	28	–	–	–	–	–	–	–
OKI	28C16A	16,384	DIP	24	B7/23	2.2	2.2	–	–	1.0	16	–	–	–	2.0	EPROM	–	–	2.2	2.8	–	3.0	4.1	32	01.1
Catalyst	28C16A	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Catalyst	28C16A	16,384	SO	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Atmel	28C17	16,384	DIP	28	C4/A2	2.6	2.6	–	–	1.0	11	086	–	–	2.0	EPROM	13	28	2.6	–	08	3.0	4.1	32	01.4
Samsung	28C17	16,384	DIP	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Samsung	28C17	16,384	DIP	24	FCA/0A2	–	–	–	–	–	–	–	–	–	–	–	16	28	–	–	–	–	–	–	–
Samsung	28C17	16,384	DIP	24	CA/A2	2.8	2.8	–	–	1.0	21	086	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Atmel	28C17	16,384	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Samsung	28C17	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Microchip	28C17/A	16,384	DIP	28	C4/A2	2.5	2.5	–	–	1.0	11	086	–	–	–	–	09	28	2.5	–	08	–	–	–	01.4
Microchip	28C17/A	16,384	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C17/A	16,384	PLCC	32	0C4/10D	–	–	–	–	–	22	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	28C17/A	16,384	PLCC	32	C4/A2	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	01.4
Microchip	28C17/A	16,384	PLCC	32	0C4/796	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	28C17A	16,384	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Catalyst	28C17A	16,384	DIP	28	C4/A2	2.5	2.5	–	–	1.0	–	–	–	–	–	–	–	–	2.5	2.5	–	–	–	–	–
Catalyst	28C17A	16,384	DIP	28	C3/A2	–	–	–	–	–	16	086	–	–	2.0	EPROM	12	28	–	–	–	3.0	4.1	32	–
Catalyst	28C17A	16,384	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Catalyst	28C17A	16,384	SO	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28HC16	16,384	DIP	24	C4/96	2.3	2.3	–	–	1.0	11	–	–	–	2.0	EPROM	15	28	2.3	2.8	–	3.0	4.1	32	04.1
Microchip	28HC16	16,384	DIP	24	C4/96	–	–	–	–	–	11	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	28HC16	16,384	LCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Atmel	28HC16	16,384	PLCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Atmel	28HC17	16,384	DIP	28	C4/A2	–	–	–	–	–	11	086	–	–	2.0	EPROM	–	–	–	–	08	–	–	–	–
Microchip	28HC17	16,384	DIP	28	C4/A2	–	–	–	–	–	11	086	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	36C16	16,384	DIP	24	09C/F21	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
SEEQ	36C16	16,384	DIP	24	9C/21	2.3	2.3	–	–	1.1	14	–	–	–	2.0	EPROM	–	–	2.3	–	08	3.0	4.1	32	01.4
SEEQ	36C16	16,384	LCC	28	9C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	46C15	16,384	DIP	24	0CD/F21	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
EXEL	46C15	16,384	DIP	24	CD/21	1.4	1.4	–	–	1.0	11	–	–	–	1.1	EPROM	–	–	1.4	2.0	07	2.0	4.1	32	–
EXEL	46C16	16,384	DIP	24	0CD/F21	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
EXEL	46C16	16,384	DIP	24	CD/21	2.5	2.5	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.5	2.5	07	2.0	4.1	32	–
Hitachi	48016	16,384	DIP	24	33/23	2.0	2.0	–	–	–	07	–	–	–	–	–	–	–	2.0	2.0	01	1.0	4.1	32	–
SEEQ	5213	16,384	DIP	24	A5/96	–	–	–	–	–	07	–	–	–	1.1	EPROM	07	28	–	–	01	1.0	4.1	32	–
SEEQ	5213H	16,384	DIP	24	B9/96	1.7	1.7	–	–	1.0	07	–	–	–	–	–	07	28	1.7	2.0	04	–	–	–	–
SEEQ	52B13	16,384	DIP	24	A5/96	2.0	2.0	–	–	1.1	07	–	–	–	1.1	EPROM	07	28	2.0	2.0	01	1.0	4.1	32	01.4
SEEQ	52B13H	16,384	DIP	24	B9/96	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	07	28	2.0	2.0	04	1.0	4.1	32	01.4
SEEQ	5516A	16,384	DIP	24	0B7/F23	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	5516A	16,384	DIP	24	B7/23	2.1	2.1	–	–	1.0	07	–	–	–	1.1	EPROM	–	–	2.1	2.1	05	1.0	4.1	32	01.4
SEEQ	5516AH	16,384	DIP	24	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	5516AH	16,384	DIP	24	DF/23	–	–	–	–	–	07	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	5517A	16,384	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.2
SEEQ	5517A	16,384	DIP	28	BF/A2	–	–	–	–	–	07	086	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
SEEQ	5517AH	16,384	DIP	28	BF/A2	–	–	–	–	–	07	086	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
SEEQ	5517AH	16,384	DIP	28	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Motorola	6836E16	16,384	DIP	28	2D/5A	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	05	–	–	–	–
IDT	78C16A	16,384	DIP	24	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
IDT	78C16A	16,384	DIP	24	C3/96	–	–	–	–	–	15	–	–	–	–	–	10	28	–	–	08	–	–	–	–
IDT	78C16A	16,384	DIP	24	C4/96	2.1	2.1	–	–	–	–	–	–	–	–	–	–	–	2.1	–	–	–	–	–	–
IDT	78C16A	16,384	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
National	9716	16,384	DIP	24	B3/23	2.0	2.0	–	–	1.0	07	–	–	–	–	–	–	–	2.0	2.0	01	–	–	–	–
National	9816A	16,384	DIP	24	C3/96	2.0	2.0	–	–	1.0	07	–	–	–	1.1	EPROM	07	28	2.0	2.0	07	2.0	4.1	32	–
National	9817	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	–	–	2.5	2.5	08	1.0	4.1	32	–
National	9817	16,384	DIP	28	FBF/0A2	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
National	9817A	16,384	DIP	28	BF/A2	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	–	–	2.5	2.5	07	1.0	4.1	32	–
National	9817A	16,384	DIP	28	EBF/0A2	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Motorola	2832	32,768	DIP	28	81/70	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	36C32	32,768	DIP	24	09C/F63	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
SEEQ	36C32	32,768	DIP	24	9C/63	2.6	2.6	–	–	1.1	14	–	–	–	2.0	EPROM	–	–	2.6	2.6	–	4.0	4.1	32	01
SEEQ	36C32	32,768	LCC	28	9C/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01
SEEQ	38C32	32,768	DIP	24	13B/097	–	–	–	–	–	21	086	–	–	–	–	–	–	–	–	–	–	–	–	–

BOLD TYPE denotes algorithm changes

UniSite Universal Programmer

BoardSite 5100 Portable In-Circuit Programmer



Quality Automation Autolabel 2000

EEPROMs

C O N T I N U E D

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
SEEQ	38C32	32,768	DIP	24	13B/12E	2.6	2.6	–	–	1.0	–	–	–	–	–	–	16	28	2.6	2.6	–	–	–	–	–
SEEQ	52B23	32,768	DIP	28	AB/97	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	04	1.0	4.1	32	–
SEEQ	52B23H	32,768	DIP	28	AB/97	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
SEEQ	52B23H	32,768	DIP	28	F1/97	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	04	–	–	–	–
AMD/MMI	1736	36,288	DIP	8	127/0EE	2.6	2.6	–	–	1.1	18	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Xilinx	**1736**	36,288	DIP	8	D3/EE	3.0	3.0	–	–	1.1	21	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	1736	36,288	PLCC	20	127/158	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xilinx	**1736A**	36,288	DIP	8	14F/0EE	3.0	3.0	–	–	1.1	23	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	1765	65,536	DIP	8	127/151	2.8	2.8	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	1765	65,536	DIP	8	15F/151	–	–	–	–	–	21	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
Xilinx	1765	65,536	DIP	8	167/16F	3.2	3.2	–	–	1.2	24	120D	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	1765	65,536	PLCC	20	127/159	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	2864	65,536	DIP	28	C7/A5	2.0	2.0	–	–	–	07	086	–	–	1.1	EPROM	–	–	2.0	2.8	08	1.0	4.1	32	–
SEEQ	2864	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2864	65,536	DIP	28	FC9/098	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	2864	65,536	DIP	28	C9/A6	1.5	1.5	–	–	1.0	13	086	–	–	1.1	EPROM	–	–	1.5	2.8	–	2.0	4.1	32	–
SEEQ	2864	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2864	65,536	PLCC	32	C9/5F	–	–	–	–	–	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2864A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864A	65,536	DIP	28	CA/A6	2.0	2.0	–	–	1.0	13	086	–	–	1.1	EPROM	08	28	2.0	2.8	–	2.0	4.1	32	–
EXEL	2864A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2864A	65,536	DIP	28	EC3/098	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
EXEL	2864A	65,536	DIP	28	C3/98	2.5	2.5	–	–	1.0	07	086	–	–	1.1	EPROM	–	–	2.5	2.5	07	1.0	4.1	32	–
Intel	2864A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Intel	2864A	65,536	DIP	28	CC/98	2.5	2.5	–	–	1.0	11	086	–	–	1.1	EPROM	01	28	2.5	2.5	07	1.0	4.1	32	–
Samsung	2864A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Samsung	2864A	65,536	DIP	28	C3/98	2.0	2.0	–	–	1.0	11	086	–	–	1.1	EPROM	07	28	2.0	2.0	07	1.0	4.1	32	–
Xicor	2864A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864A	65,536	DIP	28	C3/98	–	–	–	–	–	11	086	–	–	1.1	EPROM	–	–	–	–	05	1.0	4.1	32	–
Xicor	2864A	65,536	DIP	28	CC/98	2.5	2.5	–	–	1.0	–	–	–	–	–	–	–	–	2.5	2.5	–	–	–	–	–
Xicor	2864A	65,536	DIP	28	EC3/098	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Xicor	2864A	65,536	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864A	65,536	LCC	32	C3/5D	–	–	–	–	–	18	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864A	65,536	LCC	32	CC/5D	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2864A	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2864A	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2864A	65,536	PLCC	32	C3/5D	–	–	3.3	3.3	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
EXEL	2864A	65,536	PLCC	32	EC3/098	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	–
Xicor	2864A	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864A	65,536	PLCC	32	CC/5D	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864A	65,536	PLCC	32	EC3/098	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Xicor	2864A	65,536	PLCC	32	C3/5D	–	–	–	–	–	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2864AE	65,536	DIP	28	114/098	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	2.8	–	–	–	–	–
AMD/MMI	2864AE	65,536	DIP	28	114/0A6	–	–	–	–	–	15	086	–	–	–	–	11	28	–	–	–	–	–	–	–
AMD/MMI	2864AE	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864AE	65,536	LCC	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Samsung	2864AH	65,536	DIP	28	C3/98	1.5	1.5	–	–	1.0	–	–	–	–	1.1	EPROM	–	–	1.5	2.0	–	3.0	4.1	32	–
Samsung	2864AH	65,536	DIP	28	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864B	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864B	65,536	DIP	28	CA/A6	2.0	2.0	–	–	1.0	11	086	–	–	1.1	EPROM	01	28	2.0	2.8	07	1.0	4.1	32	–
Xicor	2864B	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864B	65,536	DIP	28	ECA/098	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–
Xicor	2864B	65,536	DIP	28	CA/98	2.5	2.5	–	–	1.0	15	086	–	–	–	–	–	–	2.5	2.5	–	5.0	5.0	32	–
Xicor	2864B	65,536	DIP	28	C4/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	08	–	–	–	–
AMD/MMI	2864B	65,536	LCC	28	0CA/7A6	–	–	2.0	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2864B	65,536	LCC	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864B	65,536	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864B	65,536	LCC	32	CA/5D	–	–	3.2	3.2	1.3	20	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864B	65,536	PGA	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864B	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864B	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	2864B	65,536	PLCC	32	ECA/098	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
Xicor	2864B	65,536	PLCC	32	CA/5D	–	–	2.8	3.0	1.1	20	099	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	2864BE	65,536	DIP	28	114/0A6	2.2	2.2	–	–	1.0	15	086	–	–	–	–	11	28	2.2	2.2	–	–	–	–	–
AMD/MMI	2864BE	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	2864BE	65,536	LCC	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2864H	65,536	DIP	28	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2864H	65,536	DIP	28	DC9/098	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	2864H	65,536	DIP	28	C9/A6	1.5	1.5	–	–	1.0	11	086	–	–	1.1	EPROM	–	–	1.5	2.0	07	2.0	4.1	32	–
Xicor	2864H	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Xicor	2864H	65,536	DIP	28	ECA/098	–	–	–	–	–	–	–	–	–	–	–	18	28	–	–	–	–	–	–	–
Xicor	2864H	65,536	DIP	28	CA/98	2.5	2.5	–	–	1.0	18	086	–	–	–	–	–	–	2.5	2.5	–	–	–	–	–
Xicor	2864H	65,536	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Xicor	2864H	65,536	LCC	32	CA/5D	–	–	2.8	3.0	1.2	21	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864H	65,536	PGA	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SEEQ	2864H	65,536	PLCC	32	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	2864H	65,536	PLCC	32	C9/5F	–	–	–	–	–	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864H	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Xicor	2864H	65,536	PLCC	32	CA/5D	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	2864H	65,536	PLCC	32	ECA/098	–	–	–	–	–	–	–	–	–	–	–	18	32	–	–	–	–	–	–	–
EXEL	2865A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2865A	65,536	DIP	28	EC3/098	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
EXEL	2865A	65,536	DIP	28	C3/98	2.5	2.5	–	–	1.0	11	086	–	–	1.1	EPROM	–	–	2.5	2.5	07	1.0	4.1	32	–
Samsung	2865A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Samsung	2865A	65,536	DIP	28	C3/98	–	–	–	–	–	–	–	–	–	1.1	EPROM	07	28	–	–	–	2.0	4.1	32	–
Samsung	2865A	65,536	DIP	28	C9/A6	1.5	1.5	–	–	1.0	13	086	–	–	–	–	–	–	1.5	2.0	07	–	–	–	–
EXEL	2865A	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
EXEL	2865A	65,536	PLCC	32	C3/5D	–	–	–	3.3	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
EXEL	2865A	65,536	PLCC	32	EC3/098	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	–
Samsung	2865AH	65,536	DIP	28	C4/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Samsung	2865AH	65,536	DIP	28	C8/98	–	–	–	–	–	–	–	–	–	2.0	EPROM	08	28	–	–	08	2.0	4.1	32	–
Samsung	2865AH	65,536	DIP	28	C8/A6	–	–	–	–	–	13	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	2865AH	65,536	DIP	28	C9/A6	1.5	1.5	–	–	1.0	–	–	–	–	–	–	–	–	1.5	2.0	–	–	–	–	–
Asahi Kasei	28C64	65,536	DIP	28	CA/98	3.1	3.1	–	–	1.2	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	28C64	65,536	DIP	28	C4/98	2.1	2.1	–	–	1.0	11	086	–	–	1.1	EPROM	07	28	2.1	2.0	07	3.0	4.1	32	01.4
Fujitsu	28C64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Fujitsu	28C64	65,536	DIP	28	C3/98	2.0	2.0	–	–	1.0	11	086	–	–	1.1	EPROM	09	28	2.0	2.0	07	1.0	4.1	32	–
NEC	28C64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
NEC	28C64	65,536	DIP	28	C3/98	–	–	–	–	–	13	086	–	–	1.1	EPROM	–	–	–	–	07	2.0	4.1	32	–
NEC	28C64	65,536	DIP	28	CA/98	2.5	2.5	–	–	1.0	–	–	–	–	–	–	07	28	2.5	2.5	–	–	–	–	–
Samsung	28C64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Samsung	28C64	65,536	DIP	28	CA/98	2.8	2.8	–	–	1.0	–	–	–	–	–	–	15	28	2.8	–	–	–	–	–	–
Samsung	28C64	65,536	DIP	28	C3/98	–	–	–	–	–	21	086	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	28C64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	28C64	65,536	DIP	28	B8/98	2.0	2.0	–	–	1.0	13	086	–	–	1.1	EPROM	08	28	2.0	2.0	–	2.0	4.1	32	–
SEEQ	28C64	65,536	DIP	28	C8/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	07	–	–	–	–
Xicor	28C64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Xicor	28C64	65,536	DIP	28	BA/98	2.5	2.5	–	–	1.0	19	086	–	–	3.0	EPROM	15	28	2.5	2.5	–	5.0	5.0	32	–
Xicor	28C64	65,536	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Xicor	28C64	65,536	LCC	32	BA/5D	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C64	65,536	LCC	32	CA/5D	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	28C64	65,536	PLCC	32	C4/5D	–	–	2.1	3.0	1.1	15	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28C64	65,536	PLCC	32	C4/98	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.4
Samsung	28C64	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SEEQ	28C64	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	28C64	65,536	PLCC	32	B8/98	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SEEQ	28C64	65,536	PLCC	32	B8/5D	–	–	2.4	3.0	1.1	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C64	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Xicor	28C64	65,536	PLCC	32	CA/5D	–	–	–	–	–	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C64	65,536	PLCC	32	BA/98	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Xicor	28C64	65,536	PLCC	32	BA/5D	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	28C64	65,536	TSOP	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C64/A	65,536	DIP	28	C3/98	–	–	–	–	–	–	–	–	–	1.1	EPROM	–	–	–	–	–	1.0	4.1	32	–
Microchip	28C64/A	65,536	DIP	28	C4/98	2.3	2.3	–	–	1.0	11	086	–	–	–	–	12	28	2.3	2.8	08	–	–	–	01.4
Microchip	28C64/A	65,536	LCC	32	C4/5D	–	–	3.2	3.2	–	22	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C64/A	65,536	PLCC	32	C4/5D	–	–	2.3	3.0	1.1	18	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Microchip	28C64/A	65,536	PLCC	32	C4/98	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	01.4
Catalyst	28C64A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Catalyst	28C64A	65,536	DIP	28	C3/98	–	–	–	–	–	22	086	–	–	–	–	13	28	–	–	–	–	–	–	–
Catalyst	28C64A	65,536	DIP	28	CA/98	3.2	3.2	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
OKI	28C64A	65,536	DIP	28	114/0A6	–	–	–	–	–	–	–	–	–	–	–	15	28	–	–	–	–	–	–	–
OKI	28C64A	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
OKI	28C64A	65,536	DIP	28	C3/98	–	–	–	–	–	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
OKI	28C64A	65,536	DIP	28	CA/98	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	2.8	2.8	–	–	–	–	–
Catalyst	28C64A	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Catalyst	28C64A	65,536	SO	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Xicor	28C64B	65,536	DIP	28	BA/98	3.2	3.2	–	–	1.3	21	086	–	–	–	–	–	–	–	3.2	–	–	–	–	–
Fujitsu	28C65	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Fujitsu	28C65	65,536	DIP	28	C3/98	2.0	2.0	–	–	1.0	11	086	–	–	1.1	EPROM	09	28	2.0	2.0	07	1.0	4.1	32	–
Samsung	28C65	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Samsung	28C65	65,536	DIP	28	C9/A6	–	–	–	–	–	21	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	28C65	65,536	DIP	28	CA/A6	2.8	2.8	–	–	1.0	–	–	–	–	–	–	15	28	2.8	–	–	–	–	–	–
SEEQ	28C65	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
SEEQ	28C65	65,536	DIP	28	B8/98	–	–	–	–	–	13	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	28C65	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SEEQ	28C65	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
SEEQ	28C65	65,536	PLCC	32	B8/5D	–	–	–	–	–	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	28CP64	65,536	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Microchip	28CP64	65,536	DIP	28	C4/98	–	–	–	–	–	11	086	–	–	2.0	EPROM	–	–	–	–	–	3.0	4.1	32	–
Microchip	28CP64	65,536	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
LSI	28H64	65,536	DIP	28	C9/A6	–	–	–	–	–	07	086	–	–	1.1	EPROM	–	–	–	–	–	2.0	4.1	32	–
LSI	28H64	65,536	DIP	28	EC9/0A6	–	–	–	–	–	–	–	–	–	–	–	01	28	–	–	–	–	–	–	–
Atmel	28HC64	65,536	DIP	28	C4/98	–	–	–	–	–	16	086	–	–	2.0	EPROM	–	–	–	–	–	3.0	4.1	32	01.4
Atmel	28HC64	65,536	DIP	28	FC4/098	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Atmel	28HC64	65,536	DIP	28	CA/98	2.5	2.5	–	–	1.0	–	–	–	–	–	–	–	–	2.5	–	–	–	–	–	–
Atmel	28HC64	65,536	LCC	32	C4/5D	–	–	–	–	–	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28HC64	65,536	PLCC	32	C4/5D	–	–	2.5	3.0	1.1	19	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28HC64	65,536	PLCC	32	FC4/098	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Atmel	28PC64	65,536	DIP	28	C4/98	2.5	2.5	–	–	1.0	16	086	–	–	–	–	–	–	2.5	3.3	–	–	–	–	01.4
Atmel	28PC64	65,536	DIP	28	FC4/098	–	–	–	–	–	–	–	–	–	–	–	12	28	–	–	–	–	–	–	–
Atmel	28PC64	65,536	LCC	32	C4/5D	–	–	–	–	–	16	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28PC64	65,536	PLCC	32	C4/5D	–	–	2.5	3.0	1.1	19	099	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28PC64	65,536	PLCC	32	FC4/098	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
SEEQ	52B33	65,536	DIP	28	0AB/F98	–	–	–	–	–	–	–	–	–	–	–	08	28	–	–	–	–	–	–	–
SEEQ	52B33	65,536	DIP	28	AB/98	2.2	2.2	–	–	1.1	07	086	–	–	1.1	EPROM	–	–	2.2	2.2	04	1.0	4.1	32	–
SEEQ	52B33	65,536	DIP	28	A5/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	52B33	65,536	PLCC	32	A5/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	52B33H	65,536	DIP	28	0F1/F98	–	–	–	–	–	–	–	–	–	–	–	07	28	–	–	–	–	–	–	–
SEEQ	52B33H	65,536	DIP	28	B9/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	52B33H	65,536	DIP	28	F1/98	2.0	2.0	–	–	1.1	07	086	–	–	–	–	–	–	2.0	2.0	04	–	–	–	–
SEEQ	52B33H	65,536	LCC	32	0F1/798	–	–	1.4	3.0	1.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	52B33H	65,536	LCC	32	B9/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	52B33H	65,536	LCC	32	F1/5D	–	–	–	–	–	15	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	58064	65,536	DIP	28	D7/98	2.0	2.0	–	–	–	08	086	–	–	1.1	EPROM	01	28	2.0	2.0	07	2.0	4.1	32	–
Hitachi	58C65	65,536	DIP	28	C3/98	–	–	–	–	–	13	086	–	–	1.1	EPROM	–	–	–	–	08	3.0	4.1	32	01.4
Hitachi	58C65	65,536	DIP	28	CA/A6	2.5	2.5	–	–	1.0	–	–	–	–	–	–	–	–	2.5	2.5	–	–	–	–	–
Hitachi	58C65	65,536	SO	28	C3/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	9864	65,536	DIP	28	C3/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
AMD/MMI	9864	65,536	DIP	28	C9/A6	1.5	1.5	–	–	1.0	07	086	–	–	1.1	EPROM	01	28	1.5	2.0	05	2.0	4.1	32	–
National	98C64	65,536	DIP	28	9F/A7	–	–	–	–	–	07	086	–	–	–	–	–	–	–	–	–	–	–	–	–

EEPROMs

CONTINUED

DATA SORTED BY:
Array, Device, Package, Manufacturer

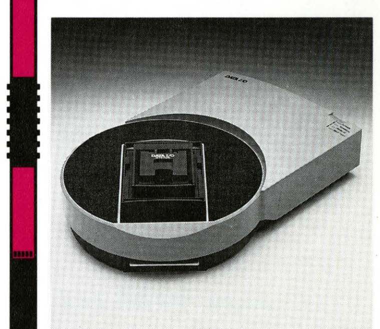
Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B 351B-	60A	60A/360A-	212	212/MOD-	S1000	S1000/SR-	HandlerSite	UniSite/SetSite	29B/GangPak	288	288A	288/288A/MOD-	BoardSite
Lattice	EE64K8	65,536	DIP	28	C3/98	–	–	–	–	–	13	086	–	–	–	–	–	–	–	–	08	–	–	–	–
SEEQ	48128	131,072	DIP	28	B4/51	1.7	1.7	–	–	1.0	–	–	–	–	–	–	–	–	1.7	–	–	–	–	–	–
Xicor	28256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	28256	262,144	DIP	28	BA/99	2.4	2.4	–	–	1.2	13	086	–	–	1.1	EPROM	15	28	2.4	2.4	07	5.0	5.0	32	–
Xicor	28256	262,144	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	28256	262,144	LCC	32	BA/ED	–	–	2.8	3.0	1.2	19	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	28256	262,144	PLCC	32	BA/ED	–	–	2.5	3.0	1.2	18	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28256	262,144	PLCC	32	BA/99	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Atmel	28C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28C256	262,144	DIP	28	BA/99	2.4	2.4	–	–	1.0	16	086	–	–	2.0	EPROM	15	28	2.4	3.0	–	3.0	4.1	32	–
Catalyst	28C256	262,144	DIP	28	0C3/099	–	–	–	–	–	23	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Catalyst	28C256	262,144	DIP	28	BA/99	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Microchip	28C256	262,144	DIP	28	BA/99	3.1	3.1	–	–	1.2	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
NEC	28C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
NEC	28C256	262,144	DIP	28	BA/99	2.8	2.8	–	–	1.0	21	086	–	–	–	–	15	28	2.8	–	–	–	–	–	–
Samsung	28C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Samsung	28C256	262,144	DIP	28	BA/99	2.8	2.8	–	–	1.0	20	086	–	–	–	–	15	28	2.8	–	–	–	–	–	–
SEEQ	28C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	28C256	262,144	DIP	28	B8/99	2.0	2.0	–	–	1.0	13	086	–	–	1.1	EPROM	07	28	2.0	2.0	–	2.0	4.1	32	–
Xicor	28C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Xicor	28C256	262,144	DIP	28	BA/99	2.5	2.5	–	–	1.0	15	086	–	–	2.0	EPROM	15	28	2.5	2.5	08	–	–	–	–
Atmel	28C256	262,144	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Xicor	28C256	262,144	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Xicor	28C256	262,144	LCC	32	BA/ED	–	–	3.2	3.2	1.3	23	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C256	262,144	PGA	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Atmel	28C256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28C256	262,144	PLCC	32	BA/99	–	–	–	–	–	–	–	–	–	–	–	19	32	–	–	–	–	–	–	–
Atmel	28C256	262,144	PLCC	32	BA/ED	–	–	2.5	3.0	1.1	19	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	28C256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SEEQ	28C256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	28C256	262,144	PLCC	32	B8/ED	–	–	–	–	–	13	099	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
Xicor	28C256	262,144	PLCC	32	BA/ED	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Xicor	28C256	262,144	PLCC	32	BA/99	–	–	–	–	–	–	–	–	–	–	–	17	32	–	–	–	–	–	–	–
Xicor	28C256	262,144	SO	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.1
SEEQ	28C256A	262,144	DIP	28	BA/99	–	–	–	–	–	–	–	–	–	–	–	19	28	–	–	–	–	–	–	–
Xicor	28C256B	262,144	DIP	28	BA/99	3.2	3.2	–	–	1.3	21	086	–	–	–	–	19	28	–	3.2	–	–	–	–	–
Microchip	28CP256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Microchip	28CP256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	02
Atmel	28HC256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28HC256	262,144	DIP	28	BA/99	2.5	2.5	–	–	1.0	16	086	–	–	2.0	EPROM	15	28	2.5	–	–	–	–	–	–
Atmel	28HC256	262,144	LCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	28HC256	262,144	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Toshiba	58257A-LV	262,144	DIP	28	150/032	2.8	2.8	–	–	1.0	21	086	–	–	–	–	–	–	2.8	–	–	–	–	–	–
Toshiba	58257A-LV	262,144	DIP	28	150/F32	–	–	–	–	–	–	–	–	–	–	–	15	28	–	–	–	–	–	–	–
Hitachi	58C256	262,144	DIP	28	0B8/F99	–	–	–	–	–	–	–	–	–	–	–	17	28	–	–	–	–	–	–	–
Hitachi	58C256	262,144	DIP	28	16E/099	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	58C256	262,144	DIP	28	C3/99	–	–	–	–	–	22	086	–	–	–	–	–	–	–	–	–	–	–	–	–
Hitachi	58C256	262,144	DIP	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Hitachi	58C256	262,144	SO	28	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
SEEQ	28C010	1,048,576	DIP	32	0B8/110	2.2	2.2	–	–	1.0	17	104/BD	–	–	2.0	EPROM	–	–	2.2	–	–	3.0	4.1	32	–
SEEQ	28C010	1,048,576	DIP	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
SEEQ	28C010	1,048,576	DIP	32	FB8/110	–	–	–	–	–	–	–	–	–	–	–	12	40	–	–	–	–	–	–	–
Xicor	28C010	1,048,576	DIP	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
Xicor	28C010	1,048,576	LCC	44	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	03
SEEQ	28C010	1,048,576	PLCC	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	01.4
Atmel	**28MC010**	1,048,576	DIP	32	0BA/110	–	–	–	–	–	20	104/BD	–	–	–	–	–	–	2.7	–	–	–	–	–	–
Atmel	**28MC010**	1,048,576	DIP	32	FBA/110	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Atmel	**28MC010**	1,048,576	DIP	32	B7/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	04.1
Atmel	**28MC010**	1,048,576	DIP	32	198/110	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	3.3	–	–	–	–	–
Xicor	**M28C010**	1,048,576	DIP	32	0BA/110	–	–	–	–	–	20	104/BD	–	–	–	–	–	–	2.7	–	–	–	–	–	–
Xicor	**M28C010**	1,048,576	DIP	32	FBA/110	–	–	–	–	–	–	–	–	–	–	–	16	40	–	–	–	–	–	–	–
Xicor	**M28C010**	1,048,576	DIP	32	198/110	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–	3.3	–	–	–	–	–

BOLD TYPE denotes algorithm changes

BIPOLAR PROMs

DATA SORTED BY:
Array, Device, Package, Manufacturer

UniSite Universal Programmer



2900 Programming System

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B/351B-	HandlerSite
TI	18S030	256	DIP	16	04/02	2.2	2.2	–	–	–	–	–	2.2
TI	18SA030	256	DIP	16	04/02	2.2	2.2	–	–	–	–	–	2.2
AMD/MMI	27LS18	256	DIP	16	16/02	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27LS19	256	DIP	16	16/02	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S18	256	DIP	16	16/02	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S19	256	DIP	16	16/02	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S19	256	PLCC	20	16/6C	–	–	2.2	3.0	1.1	14	087	–
TI	38L030	256	DIP	16	A1/02	–	–	–	–	–	09	–	–
TI	38L032	256	PLCC	20	A1/6C	–	–	–	–	–	09	087	–
TI	38S030	256	DIP	16	A1/02	2.2	2.2	–	–	–	09	–	2.2
TI	38S032	256	PLCC	20	A1/6C	–	–	–	–	–	09	087	–
TI	38SA030	256	DIP	16	A1/02	2.2	2.2	–	–	–	09	–	2.2
TI	38SA032	256	PLCC	20	A1/6C	–	–	–	–	–	09	087	–
AMD/MMI	53/6330	256	DIP	16	E7/02	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/6331	256	DIP	16	E7/02	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/63S080	256	DIP	16	18/02	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S081	256	DIP	16	18/02	2.2	2.2	–	–	1.1	07	–	2.2
Mitsubishi Elec.	54730A	256	DIP	16	B5/02	2.0	2.0	–	–	1.0	07	–	2.0
Mitsubishi Elec.	54731A	256	DIP	16	B5/02	2.0	2.0	–	–	1.0	07	–	2.0
National	54S188	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
National	54S288	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
Intersil	5610	256	DIP	16	D4/02	–	–	–	–	–	07	–	–
AMD/MMI	5P8/A	256	DIP	16	18/02	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	63S080	256	PLCC	20	18/6C	–	–	2.2	3.0	1.1	07	087	–
AMD/MMI	63S081	256	PLCC	20	18/6C	–	–	2.2	3.0	1.1	07	087	–
Fujitsu	7051	256	DIP	16	78/02	1.7	1.7	–	–	–	07	–	1.7
Fujitsu	7056	256	DIP	16	78/02	1.7	1.7	–	–	–	07	–	1.7
Fujitsu	7111	256	DIP	16	68/02	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7112	256	DIP	16	68/02	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7112	256	LCC	20	68/6C	–	–	3.1	3.1	–	–	–	–
National	74S188	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
National	74S288	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7602	256	DIP	16	06/02	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7603	256	DIP	16	06/02	2.2	2.2	–	–	1.0	07	–	2.2
National	77X288	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
Signetics	82S123	256	DIP	16	10/02	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S123	256	PLCC	20	010/702	–	–	1.6	3.0	1.1	–	–	–
Signetics	82S123	256	PLCC	20	10/6C	–	–	–	–	–	15	087	–
Signetics	82S23	256	DIP	16	10/02	1.6	1.6	–	–	1.0	07	–	1.6
Signetics	82S23	256	PLCC	20	010/702	–	–	1.6	3.0	1.1	–	–	–
Signetics	82S23	256	PLCC	20	10/6C	–	–	–	–	–	21	087	–
Signetics	82S23	256	SO	16	010/802	–	–	1.4	3.0	–	–	–	–
National	87X288	256	DIP	16	08/02	2.2	2.2	–	–	1.0	07	–	2.2
NEC	B400	256	DIP	16	72/02	2.1	2.1	–	–	–	11	–	2.1
NEC	B410	256	DIP	16	72/02	2.1	2.1	–	–	–	11	–	2.1
AMD/MMI	5P16	512	DIP	24	17/CD	2.1	2.1	–	–	1.3	11	110	2.1
AMD/MMI	5P16	512	PLCC	28	017/7CD	–	–	2.1	3.0	–	–	–	–
Signetics	100149	1,024	DIP	16	B1/D7	3.1	3.1	–	–	–	–	–	–
Signetics	10149	1,024	DIP	16	B1/D7	3.1	3.1	–	–	–	–	–	–
Signetics	10149A	1,024	DIP	16	B1/D7	3.1	3.1	–	–	–	–	–	–
Motorola	10149AL10	1,024	DIP	16	137/0D7	2.7	2.7	–	–	–	–	–	–
Motorola	10149L10	1,024	DIP	16	C6/D7	2.7	2.7	–	–	–	–	–	–
Motorola	10149L25	1,024	DIP	16	B6/D7	3.2	3.2	–	–	–	–	–	–
National	10E149	1,024	DIP	16	12A/0D7	2.6	2.6	–	–	–	–	–	–
TI	24S10	1,024	DIP	16	13/01	1.0	1.0	–	–	1.0	07	–	1.0
TI	24SA10	1,024	DIP	16	13/01	1.0	1.0	–	–	1.0	07	–	1.0
AMD/MMI	27S20	1,024	DIP	16	16/01	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S21	1,024	DIP	16	16/01	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S21	1,024	PLCC	20	16/6B	–	–	2.2	3.0	1.1	14	088	–
Raytheon	29663	1,024	DIP	16	11/01	–	–	–	–	–	07	–	–
TI	34L10	1,024	DIP	16	A1/01	2.2	2.2	–	–	–	09	–	2.2
TI	34L12	1,024	PLCC	20	A1/6B	–	–	2.2	3.0	–	09	088	–
TI	34S10	1,024	DIP	16	A1/01	2.2	2.2	–	–	–	09	–	2.2
TI	34S12	1,024	PLCC	20	A1/6B	–	–	2.2	3.0	–	09	088	–
TI	34SA10	1,024	DIP	16	A1/01	2.2	2.2	–	–	–	09	–	2.2
TI	34SA12	1,024	PLCC	20	A1/6B	–	–	2.2	3.0	–	09	088	–
AMD/MMI	53/6300	1,024	DIP	16	E5/01	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/6301	1,024	DIP	16	E5/01	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/63LS140	1,024	DIP	16	18/01	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63LS141	1,024	DIP	16	18/01	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S140	1,024	DIP	16	18/01	2.2	2.2	–	–	1.1	07	–	2.2
Mitsubishi Elec.	54700A	1,024	DIP	16	B5/01	2.0	2.0	–	–	1.0	07	–	2.0
Mitsubishi Elec.	54701A	1,024	DIP	16	B5/01	2.0	2.0	–	–	1.0	07	–	2.0
National	54S287	1,024	DIP	16	08/01	2.2	2.2	–	–	1.0	07	–	2.2
National	54S387	1,024	DIP	16	08/01	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	63S140	1,024	PLCC	20	18/6B	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S141	1,024	PLCC	20	18/6B	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	6P16	1,024	DIP	24	17/CE	2.1	2.1	–	–	1.3	11	110	2.1
AMD/MMI	6P16	1,024	PLCC	28	017/7CE	–	–	2.1	3.0	1.3	–	–	–
Fujitsu	7052	1,024	DIP	16	78/01	–	–	–	–	–	07	–	–
Fujitsu	7057	1,024	DIP	16	78/01	–	–	–	–	–	07	–	–
Fujitsu	7113/L	1,024	DIP	16	68/01	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7114/L	1,024	DIP	16	68/01	2.2	2.2	–	–	–	11	–	2.2
National	74S287	1,024	DIP	16	08/01	2.2	2.2	–	–	1.0	07	–	2.2
National	74S387	1,024	DIP	16	08/01	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7610	1,024	DIP	16	06/01	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7611	1,024	DIP	16	06/01	2.2	2.2	–	–	1.0	07	–	2.2
Signetics	82S126	1,024	DIP	16	10/01	1.7	1.7	–	–	1.0	07	–	1.7
Signetics	82S126	1,024	PLCC	20	10/6B	–	–	3.0	3.0	1.1	21	088	–
Signetics	82S126	1,024	SO	16	010/801	–	–	3.0	3.0	–	–	–	–
Signetics	82S129	1,024	DIP	16	10/01	1.7	1.7	–	–	1.0	07	–	1.7
Signetics	82S129	1,024	PLCC	20	10/6B	–	–	2.5	3.0	1.1	20	088	–
Signetics	82S129	1,024	SO	16	010/801	–	–	3.0	3.0	–	–	–	–
AMD/MMI	8P4	1,024	DIP	16	18/01	2.2	2.2	–	–	1.1	09	–	2.2
Fairchild	93417	1,024	DIP	16	01/01	–	–	–	–	–	07	–	–

BIPOLAR PROMs

CONTINUED

DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B/351B-	HandlerSite
Fairchild	93427	1,024	DIP	16	01/01	–	–	–	–	–	07	–	–
NEC	B403	1,024	DIP	16	72/01	2.1	2.1	–	–	–	11	–	2.1
NEC	B423	1,024	DIP	16	72/01	2.1	2.1	–	–	–	11	–	2.1
Motorola	10139	2,048	DIP	16	B0/D6	1.2	1.2	–	–	–	–	–	–
AMD/MMI	27S12	2,048	DIP	16	16/03	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S13	2,048	DIP	16	16/03	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S13	2,048	PLCC	20	16/6D	–	–	2.2	3.0	1.1	14	088	–
TI	28L22	2,048	DIP	20	13/46	1.0	1.0	–	–	1.0	07	–	1.0
TI	28LA22	2,048	DIP	20	13/46	1.0	1.0	–	–	1.0	07	–	1.0
Raytheon	29610	2,048	DIP	16	11/03	–	–	–	–	–	07	–	–
Raytheon	29611	2,048	DIP	16	11/03	–	–	–	–	–	07	–	–
Raytheon	29612	2,048	DIP	16	11/03	–	–	–	–	–	07	–	–
Raytheon	29613/A	2,048	DIP	16	11/03	2.1	2.1	–	–	–	07	–	2.1
AMD/MMI	29771	2,048	DIP	16	16/03	–	–	–	–	–	07	–	–
TI	38L22	2,048	DIP	20	A1/08	2.2	2.2	–	–	–	09	–	2.2
TI	38L22	2,048	PLCC	20	A1/7B	–	–	2.2	3.0	–	09	089	–
TI	38S22	2,048	DIP	20	A1/08	2.2	2.2	–	–	–	09	–	2.2
TI	38S22	2,048	PLCC	20	A1/7B	–	–	2.2	3.0	–	09	089	–
TI	38SA22	2,048	DIP	20	A1/08	2.2	2.2	–	–	–	09	–	2.2
TI	38SA22	2,048	PLCC	20	A1/7B	–	–	2.2	3.0	–	09	089	–
AMD/MMI	53/6305	2,048	DIP	16	E5/03	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/6306	2,048	DIP	16	E5/03	1.0	1.0	–	–	–	07	–	1.0
AMD/MMI	53/6308	2,048	DIP	20	D1/08	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6309	2,048	DIP	20	D1/08	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6335	2,048	DIP	24	D1/14	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6336	2,048	DIP	24	D1/14	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/63LS240	2,048	DIP	16	18/03	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63LS241	2,048	DIP	16	18/03	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S141	2,048	DIP	16	18/01	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S240	2,048	DIP	16	18/03	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S241	2,048	DIP	16	18/03	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S280	2,048	DIP	20	18/08	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S281	2,048	DIP	20	18/08	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S285	2,048	DIP	24	18/14	2.2	2.2	–	–	1.1	09	–	2.2
National	54S570	2,048	DIP	16	08/03	2.2	2.2	–	–	1.0	07	–	2.2
National	54S571	2,048	DIP	16	08/03	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	63S240	2,048	PLCC	20	18/6D	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S241	2,048	PLCC	20	18/6D	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S280	2,048	PLCC	20	18/7B	–	–	2.2	3.0	1.1	07	089	–
AMD/MMI	63S281	2,048	PLCC	20	18/7B	–	–	2.2	3.0	1.1	07	089	–
AMD/MMI	63S480	2,048	PLCC	20	18/7C	–	–	2.2	3.0	1.1	07	089	–
Fujitsu	7053	2,048	DIP	16	78/03	–	–	–	–	–	07	–	–
Fujitsu	7058	2,048	DIP	16	78/03	–	–	–	–	–	07	–	–
Fujitsu	7115	2,048	DIP	16	68/03	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7116	2,048	DIP	16	68/03	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7117	2,048	DIP	20	68/08	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7118	2,048	DIP	20	68/08	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7118	2,048	SO	20	068/808	–	–	3.1	3.1	–	–	–	–
National	74LS471	2,048	DIP	20	08/08	2.2	2.2	–	–	1.0	07	–	2.2
National	74S570	2,048	DIP	16	08/03	2.2	2.2	–	–	1.0	07	–	2.2
National	74S571	2,048	DIP	16	08/03	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7620	2,048	DIP	16	06/03	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7621	2,048	DIP	16	06/03	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	7621	2,048	DIP	16	05/03	2.2	2.2	–	–	1.0	07	–	2.2
Signetics	82LS135	2,048	DIP	20	10/08	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82LS135	2,048	PLCC	20	10/7B	–	–	3.0	3.0	1.1	21	089	–
Signetics	82S130	2,048	DIP	16	10/03	1.7	1.7	–	–	1.0	07	–	1.7
Signetics	82S130	2,048	PLCC	20	10/6D	–	–	2.4	3.0	1.1	18	088	–
Signetics	82S130	2,048	SO	16	010/803	–	–	2.8	3.0	–	–	–	–
Signetics	82S131	2,048	DIP	16	10/03	1.7	1.7	–	–	1.0	07	–	1.7
Signetics	82S131	2,048	PLCC	20	10/6D	–	–	2.4	3.0	1.1	18	088	–
Signetics	82S131	2,048	SO	16	010/803	–	–	2.8	3.0	–	–	–	–
Signetics	82S135	2,048	DIP	20	10/08	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S135	2,048	PLCC	20	10/7B	–	–	–	–	–	21	089	–
Signetics	82US123	2,048	DIP	16	0E/02	2.6	2.6	–	–	1.0	15	–	2.6
Signetics	82US123	2,048	PLCC	20	0E/6C	–	–	2.6	3.0	1.1	18	087	–
Signetics	82US23	2,048	DIP	16	0E/02	2.8	2.8	–	–	1.0	20	–	2.8
Signetics	82US23	2,048	PLCC	20	0E/6C	–	–	2.6	3.0	1.1	18	087	–
Signetics	82US23	2,048	SO	16	00E/802	–	–	3.0	3.0	–	–	–	–
AMD/MMI	8P8	2,048	DIP	20	18/08	2.2	2.2	–	–	1.1	09	–	2.2
Fairchild	93436	2,048	DIP	16	01/03	–	–	–	–	–	07	–	–
Fairchild	93446	2,048	DIP	16	01/03	–	–	–	–	–	07	–	–
NEC	B401	2,048	DIP	20	72/08	2.1	2.1	–	–	–	11	–	2.1
NEC	B402	2,048	DIP	16	72/03	2.1	2.1	–	–	–	11	–	2.1
NEC	B412	2,048	DIP	16	72/03	2.1	2.1	–	–	–	11	–	2.1
NEC	B421	2,048	DIP	20	72/08	2.1	2.1	–	–	–	11	–	2.1
AMD/MMI	10P4	4,096	DIP	18	18/05	2.2	2.2	–	–	1.1	09	–	2.2
TI	24S41	4,096	DIP	18	13/38	1.0	1.0	–	–	1.0	07	–	1.0
TI	24SA41	4,096	DIP	18	13/38	1.0	1.0	–	–	1.0	07	–	1.0
Hitachi	25044	4,096	DIP	18	74/05	–	–	–	–	–	07	–	–
Hitachi	25045	4,096	DIP	18	74/05	–	–	–	–	–	07	–	–
AMD/MMI	27S15	4,096	DIP	24	16/79	2.2	2.2	–	–	1.0	07	068	2.2
AMD/MMI	27S25	4,096	DIP	24	16/65	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S25	4,096	PLCC	28	16/8F	–	–	2.2	3.0	1.1	14	093	–
AMD/MMI	27S26	4,096	DIP	22	16/85	2.2	2.2	–	–	1.3	07	067	2.2
AMD/MMI	27S27	4,096	DIP	22	16/85	2.2	2.2	–	–	1.3	07	067	2.2
AMD/MMI	27S28	4,096	DIP	20	16/09	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S29	4,096	DIP	20	16/09	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S29	4,096	LCC	20	16/7C	–	–	2.7	3.0	1.2	–	–	–
AMD/MMI	27S30	4,096	DIP	24	16/36	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S31	4,096	DIP	24	16/36	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S31	4,096	LCC	28	016/736	–	–	2.7	3.0	1.2	–	–	–
AMD/MMI	27S32	4,096	DIP	18	16/38	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S33	4,096	DIP	18	16/38	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S33	4,096	PLCC	28	016/738	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	27S33	4,096	PLCC	28	16/F4	–	–	–	–	–	15	088	–
AMD/MMI	27S65	4,096	DIP	24	16/93	2.1	2.1	–	–	1.0	07	073	2.1
AMD/MMI	27S65	4,096	PLCC	28	16/F0	–	–	2.1	3.0	1.1	15	092	–
TI	28L42	4,096	DIP	20	13/09	1.0	1.0	–	–	1.0	07	–	1.0
TI	28L45	4,096	DIP	24	13/15	1.0	1.0	–	–	1.0	07	–	1.0
TI	28P42	4,096	DIP	20	13/09	1.3	1.3	–	–	1.0	07	–	1.3
TI	28P45	4,096	DIP	24	13/15	–	–	–	–	–	07	–	–
TI	28S42	4,096	DIP	20	13/09	1.0	1.0	–	–	1.0	07	–	1.0
TI	28S45	4,096	DIP	24	13/15	1.0	1.0	–	–	1.0	07	–	1.0
TI	28S46	4,096	DIP	24	13/15	1.0	1.0	–	–	1.0	07	–	1.0
TI	28SA42	4,096	DIP	20	13/09	1.0	1.0	–	–	1.0	07	–	1.0
TI	28SA46	4,096	DIP	24	13/15	1.0	1.0	–	–	1.0	07	–	1.0
Raytheon	29620	4,096	DIP	20	11/09	–	–	–	–	–	07	–	–
Raytheon	29621/A	4,096	DIP	20	11/09	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29622	4,096	DIP	20	11/09	–	–	–	–	–	07	–	–
Raytheon	29623/A	4,096	DIP	20	11/09	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29624	4,096	DIP	24	11/15	–	–	–	–	–	07	–	–
Raytheon	29625	4,096	DIP	24	11/15	–	–	–	–	–	07	–	–
Raytheon	29626	4,096	DIP	24	11/15	–	–	–	–	–	07	–	–
Raytheon	29627	4,096	DIP	24	11/15	–	–	–	–	–	07	–	–
AMD/MMI	29774	4,096	DIP	22	16/85	2.2	2.2	–	–	1.0	07	067	2.2
TI	34L41	4,096	DIP	18	A1/05	2.2	2.2	–	–	–	09	–	2.2
TI	34L42	4,096	PLCC	20	A1/6E	–	–	–	–	–	09	088	–
TI	34R42	4,096	PLCC	20	0A1/161	–	–	3.0	3.0	–	–	–	–
TI	34S41	4,096	DIP	18	A1/05	2.2	2.2	–	–	–	09	–	2.2
TI	34S42	4,096	PLCC	20	A1/6E	–	–	–	–	–	09	088	–
TI	34SA41	4,096	DIP	18	A1/05	2.2	2.2	–	–	–	09	–	2.2
TI	34SA42	4,096	PLCC	20	A1/6E	–	–	–	–	–	09	088	–
TI	38L42	4,096	DIP	20	A1/09	–	–	–	–	–	09	–	–
TI	38L42	4,096	PLCC	20	A1/7C	–	–	–	–	–	09	089	–
TI	38S42	4,096	DIP	20	A1/09	–	–	–	–	–	09	–	–
TI	38S42	4,096	PLCC	20	A1/7C	–	–	–	–	–	09	089	–
TI	38SA42	4,096	DIP	20	A1/09	–	–	–	–	–	09	–	–
TI	38SA42	4,096	PLCC	20	A1/7C	–	–	–	–	–	09	089	–
AMD/MMI	53/6340	4,096	DIP	24	D1/15	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6341	4,096	DIP	24	D1/15	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6348	4,096	DIP	20	D1/09	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6349	4,096	DIP	20	D1/09	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6352	4,096	DIP	18	D1/05	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6353	4,096	DIP	18	D1/05	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/63DA441	4,096	DIP	24	AA/AC	2.2	2.2	–	–	1.0	07	073	2.2
AMD/MMI	53/63DA442	4,096	DIP	24	AA/AC	2.2	2.2	–	–	1.0	07	073	2.2
AMD/MMI	53/63LS441	4,096	DIP	18	18/05	–	–	–	–	–	07	–	–
AMD/MMI	53/63RA441	4,096	DIP	18	18/07	–	–	–	–	–	07	–	–
AMD/MMI	53/63RA481	4,096	DIP	24	EC/65	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	53/63S440	4,096	DIP	18	18/05	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S441	4,096	DIP	18	18/05	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S480	4,096	DIP	20	18/09	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S481	4,096	DIP	20	18/09	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S485	4,096	DIP	24	18/15	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	53/63S485	4,096	LCC	28	18/7F	–	–	3.0	3.0	1.2	–	–	–
Mitsubishi Elec.	54740A	4,096	DIP	18	B5/05	2.0	2.0	–	–	1.0	07	–	2.0
Mitsubishi Elec.	54741A	4,096	DIP	18	B5/05	2.0	2.0	–	–	1.0	07	–	2.0
National	54S472	4,096	DIP	20	08/09	2.2	2.2	–	–	1.0	07	–	2.2
National	54S473	4,096	DIP	20	08/09	2.2	2.2	–	–	1.0	07	–	2.2
National	54S474	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	54S475	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	54S572	4,096	DIP	18	08/05	2.2	2.2	–	–	1.0	07	–	2.2
National	54S573	4,096	DIP	18	08/05	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	63DA441	4,096	PLCC	28	AA/9F	–	–	–	–	–	07	092	–
AMD/MMI	63DA442	4,096	PLCC	28	AA/9F	–	–	–	–	–	07	092	–
AMD/MMI	63RA481	4,096	PLCC	28	EC/8F	–	–	2.2	3.0	1.1	07	093	–
AMD/MMI	63S440	4,096	PLCC	20	18/6E	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S441	4,096	PLCC	20	18/6E	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S481	4,096	PLCC	20	18/7C	–	–	2.2	3.0	1.1	07	089	–
Harris	6641	4,096	DIP	24	40/47	2.5	2.5	–	–	–	20	–	2.5
Harris	6642	4,096	DIP	24	3F/47	2.3	2.3	–	–	1.0	20	–	2.3
Fujitsu	7054	4,096	DIP	18	78/05	–	–	–	–	–	07	–	–
Fujitsu	7059	4,096	DIP	18	78/05	–	–	–	–	–	07	–	–
Fujitsu	7121	4,096	DIP	18	68/05	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7122	4,096	DIP	18	68/05	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7123	4,096	DIP	20	68/09	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7124	4,096	DIP	20	68/09	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7226RA/RS	4,096	DIP	24	68/B1	2.5	2.5	–	–	–	17	066	2.5
National	74S472	4,096	DIP	20	08/09	2.2	2.2	–	–	1.0	07	–	2.2
National	74S472	4,096	PLCC	20	08/7C	–	–	2.4	3.0	1.1	–	–	–
National	74S473	4,096	DIP	20	08/09	2.2	2.2	–	–	1.0	07	–	2.2
National	74S474	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	74S475	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	74S572	4,096	DIP	18	08/05	2.2	2.2	–	–	1.0	07	–	2.2
National	74S573	4,096	DIP	18	08/05	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7640	4,096	DIP	24	06/15	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7641	4,096	DIP	24	06/15	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	7641	4,096	DIP	24	05/15	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7642	4,096	DIP	18	06/05	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7643	4,096	DIP	18	06/05	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	7643	4,096	DIP	18	05/05	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7649	4,096	DIP	20	06/09	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	7649	4,096	DIP	20	05/09	–	–	–	–	–	07	–	–
National	77S295	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	77S296	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	77SR25	4,096	DIP	24	08/65	–	–	–	–	–	07	–	–
National	77SR25	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	–	–	2.2
National	77SR27	4,096	DIP	22	08/85	–	–	–	–	–	07	067	–
National	77SR474	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	07	–	2.2
National	77SR476	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	07	–	2.2
Signetics	82S115	4,096	DIP	24	AE/83	1.1	1.1	–	–	–	07	068	1.1
Signetics	82S137	4,096	DIP	18	10/05	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S137	4,096	PLCC	20	10/6E	–	–	3.0	3.0	1.1	18	088	–
Signetics	82S141	4,096	DIP	24	10/15	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S141	4,096	PLCC	28	10/7F	–	–	2.4	3.0	1.1	18	093	–
Signetics	82S147	4,096	DIP	20	10/09	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S147	4,096	PLCC	20	10/7C	–	–	2.4	3.0	1.1	18	089	–
National	87S295	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	87S296	4,096	DIP	24	08/15	2.2	2.2	–	–	1.0	07	–	2.2
National	87SR25	4,096	DIP	24	08/65	–	–	–	–	–	07	–	–
National	87SR25	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	–	–	2.2
National	87SR27	4,096	DIP	22	08/85	–	–	–	–	–	07	067	–
National	87SR474	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	07	–	2.2
National	87SR476	4,096	DIP	24	08/81	2.2	2.2	–	–	1.0	07	–	2.2
Fairchild	93438	4,096	DIP	24	01/15	3.0	3.0	–	–	–	07	–	3.0
Fairchild	93448	4,096	DIP	24	01/15	3.0	3.0	–	–	–	07	–	3.0
Fairchild	93452	4,096	DIP	18	01/05	–	–	–	–	–	07	–	–
Fairchild	93453	4,096	DIP	18	01/05	–	–	–	–	–	07	–	–
AMD/MMI	9P4	4,096	DIP	16	18/03	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	9P8	4,096	DIP	20	18/09	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	9R8	4,096	DIP	24	EC/65	2.2	2.2	–	–	1.3	09	–	2.2
AMD/MMI	9R8	4,096	PLCC	28	0EC/765	–	–	2.2	3.0	–	–	–	–
AMD/MMI	9R8	4,096	PLCC	28	EC/8F	–	–	–	–	–	15	093	–
NEC	B404	4,096	DIP	20	72/09	2.1	2.1	–	–	–	11	–	2.1
NEC	B405	4,096	DIP	24	72/15	2.1	2.1	–	–	–	07	–	2.1
NEC	B406	4,096	DIP	18	72/05	2.1	2.1	–	–	–	11	–	2.1
NEC	B424	4,096	DIP	20	72/09	2.1	2.1	–	–	–	11	–	2.1
NEC	B425	4,096	DIP	24	72/15	2.1	2.1	–	–	–	11	–	2.1
NEC	B426	4,096	DIP	18	72/05	2.1	2.1	–	–	–	11	–	2.1
AMD/MMI	10P8	8,192	DIP	24	18/16	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	10R8	8,192	DIP	24	18/86	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	11P4	8,192	DIP	18	18/06	2.2	2.2	–	–	1.1	09	–	2.2
TI	24S81	8,192	DIP	18	13/06	1.0	1.0	–	–	1.0	07	–	1.0
TI	24SA81	8,192	DIP	18	13/06	1.0	1.0	–	–	1.0	07	–	1.0
Hitachi	25084	8,192	DIP	18	74/06	–	–	–	–	–	07	–	–
Hitachi	25084S	8,192	DIP	18	66/06	–	–	–	–	–	07	–	–
Hitachi	25085	8,192	DIP	18	74/06	–	–	–	–	–	07	–	–
Hitachi	25085S	8,192	DIP	18	66/06	–	–	–	–	–	07	–	–
Hitachi	25088	8,192	DIP	24	74/16	–	–	–	–	–	07	–	–
Hitachi	25088S	8,192	DIP	24	66/16	–	–	–	–	–	07	–	–
Hitachi	25089	8,192	DIP	24	74/16	–	–	–	–	–	07	–	–
Hitachi	25089S	8,192	DIP	24	66/16	–	–	–	–	–	07	–	–
AMD/MMI	27LS185	8,192	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS181	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS184	8,192	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS185	8,192	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS281	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S180	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S181	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S184	8,192	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S185	8,192	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S185	8,192	PLCC	28	016/06F	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	27S280	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S281	8,192	DIP	24	16/37	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S281	8,192	PLCC	28	16/F3	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	27S35	8,192	DIP	24	16/66	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S35	8,192	PLCC	28	016/766	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	27S35	8,192	PLCC	28	16/90	–	–	–	–	–	14	093	–
AMD/MMI	27S37	8,192	DIP	24	16/66	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S75	8,192	DIP	24	16/94	1.7	1.7	–	–	1.0	07	073	1.7
TI	28L85	8,192	DIP	24	13/16	1.0	1.0	–	–	1.0	07	–	1.0
TI	28L86	8,192	DIP	24	13/16	1.0	1.0	–	–	1.0	07	–	1.0
TI	28P85	8,192	DIP	24	13/16	–	–	–	–	–	07	–	–
TI	28S2708	8,192	DIP	24	013/116	2.0	2.0	–	–	1.0	–	–	2.0
TI	28S2708	8,192	DIP	24	13/16	–	–	–	–	–	07	–	–
TI	28S85	8,192	DIP	24	13/16	1.0	1.0	–	–	1.0	07	–	1.0
TI	28S86	8,192	DIP	24	13/16	1.0	1.0	–	–	1.0	07	–	1.0
TI	28SA86	8,192	DIP	24	13/16	1.0	1.0	–	–	1.0	07	–	1.0
Raytheon	29630	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29630SM	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29631/A	8,192	DIP	24	11/16	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29631SM	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29632	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29632SM	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29633/A	8,192	DIP	24	11/16	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29633SM	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29634	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29635	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29636	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29637	8,192	DIP	24	11/16	–	–	–	–	–	07	–	–
Raytheon	29650	8,192	DIP	18	11/06	–	–	–	–	–	07	–	–
Raytheon	29651/A	8,192	DIP	18	11/06	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29652	8,192	DIP	18	11/06	–	–	–	–	–	07	–	–
Raytheon	29653/A	8,192	DIP	18	11/06	2.1	2.1	–	–	–	07	–	2.1
TI	38L85	8,192	DIP	24	A1/16	–	–	–	–	–	09	–	–
TI	38L87	8,192	PLCC	28	A1/8A	–	–	–	–	–	09	093	–
TI	38R85	8,192	DIP	24	A2/86	–	–	–	–	–	09	–	–
TI	38R87	8,192	PLCC	28	A2/9C	–	–	–	–	–	09	093	–
TI	38S85	8,192	DIP	24	A1/16	–	–	–	–	–	09	–	–
TI	38S87	8,192	PLCC	28	A1/8A	–	–	–	–	–	09	093	–
TI	38SA85	8,192	DIP	24	A1/16	–	–	–	–	–	09	–	–
TI	38SA87	8,192	PLCC	28	A1/8A	–	–	–	–	–	09	093	–
AMD/MMI	53/6380	8,192	DIP	24	D1/16	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6381	8,192	DIP	24	D1/16	2.8	2.8	–	–	–	07	–	2.8

BOLD TYPE denotes algorithm changes

BIPOLAR PROMs

CONTINUED

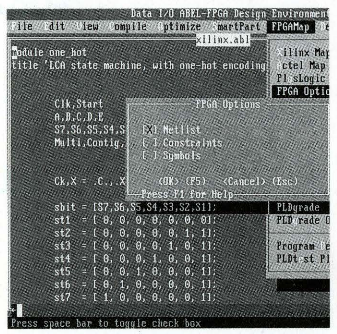
DATA SORTED BY:
Array, Device, Package, Manufacturer

Manufacturer	Device	Array	Package	Pins	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/UniPak 2B	UniPak 2B/351B-	HandlerSite
AMD/MMI	53/6388	8,192	DIP	18	D1/06	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/6389	8,192	DIP	18	D1/06	2.8	2.8	–	–	–	07	–	2.8
AMD/MMI	53/63DA841	8,192	DIP	24	AA/AD	2.2	2.2	–	–	1.0	07	073	2.2
AMD/MMI	53/63RS881	8,192	DIP	24	18/86	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S840	8,192	DIP	18	18/06	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S841	8,192	DIP	18	18/06	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S880	8,192	DIP	24	18/16	–	–	–	–	–	11	–	–
AMD/MMI	53/63S881	8,192	DIP	24	18/16	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	63DA841	8,192	PLCC	28	AA/A0	–	–	2.2	3.0	1.1	07	092	–
AMD/MMI	63RS881	8,192	PLCC	28	18/9C	–	–	2.2	3.0	1.1	07	093	–
AMD/MMI	63S841	8,192	PLCC	20	18/6F	–	–	2.2	3.0	1.1	07	088	–
AMD/MMI	63S881	8,192	PLCC	28	18/8A	–	–	2.2	3.0	1.1	07	093	–
Fujitsu	7055	8,192	DIP	24	78/69	–	–	–	–	–	07	–	–
Fujitsu	7060	8,192	DIP	24	78/69	–	–	–	–	–	07	–	–
SGS-Thomson	71180	8,192	DIP	24	92/16	2.2	2.2	–	–	1.0	14	–	2.2
SGS-Thomson	71181	8,192	DIP	24	92/16	2.2	2.2	–	–	1.0	14	–	2.2
Fujitsu	7127	8,192	DIP	18	68/06	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7128	8,192	DIP	18	68/06	2.2	2.2	–	–	–	11	–	2.2
SGS-Thomson	71280	8,192	DIP	24	92/16	2.2	2.2	–	–	1.0	14	–	2.2
SGS-Thomson	71281	8,192	DIP	24	92/16	2.2	2.2	–	–	1.0	14	–	2.2
Fujitsu	7129	8,192	DIP	22	68/A9	2.2	2.2	–	–	–	11	094	2.2
Fujitsu	7130	8,192	DIP	22	68/A9	2.2	2.2	–	–	–	11	094	2.2
Fujitsu	7131	8,192	DIP	24	68/16	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7132	8,192	DIP	24	68/16	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7232RA/RS	8,192	DIP	24	68/B2	2.5	2.5	–	–	–	17	066	2.5
Harris	7681	8,192	DIP	24	06/16	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	7681	8,192	DIP	24	05/16	2.2	2.2	–	–	1.0	07	–	2.2
Harris	7685	8,192	DIP	18	06/06	–	–	–	–	–	07	–	–
Motorola	7685	8,192	DIP	18	05/06	2.2	2.2	–	–	1.0	07	–	2.2
National	77S180	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	77S181	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	77S184	8,192	DIP	18	08/06	2.2	2.2	–	–	1.0	07	–	2.2
National	77S185	8,192	DIP	18	08/06	2.2	2.2	–	–	1.0	07	–	2.2
National	77S280	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	77S281	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	77SR181	8,192	DIP	24	08/66	2.2	2.2	–	–	1.0	07	–	2.2
National	77SR183	8,192	DIP	24	08/66	2.2	2.2	–	–	1.0	13	–	2.2
Signetics	82HS187	8,192	DIP	24	CE/5C	2.2	2.2	–	–	–	12	–	2.2
Signetics	82HS187	8,192	PLCC	28	0CE/168	–	–	3.0	3.0	–	21	093	–
Signetics	82HS189	8,192	DIP	24	CE/5C	2.2	2.2	–	–	–	12	–	2.2
Signetics	82HS189	8,192	PLCC	28	0CE/168	–	–	3.0	3.0	–	21	093	–
Signetics	82S181	8,192	DIP	24	10/16	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S181	8,192	PLCC	28	10/8A	–	–	2.4	3.0	1.1	18	093	–
Signetics	82S183	8,192	DIP	24	10/16	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S183	8,192	PLCC	28	10/8A	–	–	2.5	3.0	1.1	20	093	–
Signetics	82S185	8,192	DIP	18	10/06	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S185	8,192	PLCC	20	10/6F	–	–	3.0	3.0	1.1	21	088	–
Signetics	82S2708	8,192	DIP	24	10/16	1.4	1.4	–	–	1.0	07	–	1.4
National	87S180	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	87S181	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	87S184	8,192	DIP	18	08/06	2.2	2.2	–	–	1.0	07	–	2.2
National	87S185	8,192	DIP	18	08/06	2.2	2.2	–	–	1.0	07	–	2.2
National	87S280	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	87S281	8,192	DIP	24	08/16	2.2	2.2	–	–	1.0	07	–	2.2
National	87SR181	8,192	DIP	24	08/66	2.2	2.2	–	–	1.0	07	–	2.2
National	87SR183	8,192	DIP	24	08/66	2.2	2.2	–	–	1.0	13	–	2.2
Fairchild	93450	8,192	DIP	24	01/16	–	–	–	–	–	07	–	–
Fairchild	93451	8,192	DIP	24	01/16	2.2	2.2	–	–	–	07	–	2.2
Fairchild	93L450	8,192	DIP	24	01/16	–	–	–	–	–	07	–	–
Fairchild	93L451	8,192	DIP	24	01/16	–	–	–	–	–	07	–	–
Fairchild	93Z451	8,192	DIP	24	A4/16	1.0	1.0	–	–	–	07	–	1.0
NEC	B407	8,192	DIP	18	72/06	2.1	2.1	–	–	–	11	–	2.1
NEC	B408	8,192	DIP	24	72/16	2.1	2.1	–	–	–	07	–	2.1
NEC	B417	8,192	DIP	24	72/16	2.1	2.1	–	–	–	07	–	2.1
NEC	B427	8,192	DIP	18	72/06	2.1	2.1	–	–	–	11	–	2.1
NEC	B428	8,192	DIP	24	72/16	2.1	2.1	–	–	–	11	–	2.1
AMD/MMI	100P44	16,384	DIP	20	61/0A	–	–	–	–	–	11	AMD	–
AMD/MMI	10P44	16,384	DIP	20	61/0A	–	–	–	–	–	11	AMD	–
AMD/MMI	11P8	16,384	DIP	24	18/21	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	11RA8	16,384	DIP	24	18/A3	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	11RS8	16,384	DIP	24	18/A3	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	12P4	16,384	DIP	20	18/53	2.2	2.2	–	–	1.1	09	–	2.2
Hitachi	25168	16,384	DIP	24	74/21	–	–	–	–	–	07	–	–
Hitachi	25168S	16,384	DIP	24	66/21	–	–	–	–	–	07	–	–
Hitachi	25169	16,384	DIP	24	74/21	–	–	–	–	–	07	–	–
Hitachi	25169S	16,384	DIP	24	66/21	–	–	–	–	–	07	–	–
AMD/MMI	27LS184	16,384	DIP	18	16/06	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS191	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS291	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27PS41	16,384	DIP	20	16/53	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S190	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S191	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S191	16,384	PLCC	28	016/768	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	27S191	16,384	PLCC	28	16/BF	–	–	–	–	–	13	093	–
AMD/MMI	27S290	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S291	16,384	DIP	24	16/68	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S40	16,384	DIP	20	16/53	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S41	16,384	DIP	20	16/53	2.2	2.2	–	–	1.0	07	–	2.2
AMD/MMI	27S45	16,384	DIP	24	16/77	2.3	2.3	–	–	1.0	07	066	2.3
AMD/MMI	27S45	16,384	PLCC	28	016/777	–	–	2.3	3.0	1.1	–	–	–
AMD/MMI	27S45A	16,384	PLCC	28	016/777	–	–	3.1	3.1	1.2	–	–	–
AMD/MMI	27S45SA	16,384	DIP	24	16/77	2.3	2.3	–	–	1.2	15	066	2.3
AMD/MMI	27S45SA	16,384	PLCC	28	016/777	–	–	2.5	3.0	1.2	–	–	–
AMD/MMI	27S45SA-L28	16,384	LCC	28	016/777	–	–	2.8	3.0	1.2	–	–	–
AMD/MMI	27S45SA-L32	16,384	LCC	32	016/166	–	–	3.0	3.0	1.2	–	–	–
AMD/MMI	27S47	16,384	DIP	24	16/77	2.3	2.3	–	–	1.0	07	066	2.3
AMD/MMI	27S85	16,384	DIP	24	16/95	2.1	2.1	–	–	1.0	07	073	2.1
AMD/MMI	27S85	16,384	PLCC	28	16/F2	–	–	2.1	3.0	1.1	15	092	–
TI	28L166	16,384	DIP	24	13/21	–	–	–	–	–	07	–	–
TI	28P166	16,384	DIP	24	13/21	–	–	–	–	–	07	–	–
TI	28S166	16,384	DIP	24	13/21	1.0	1.0	–	–	1.0	07	–	1.0
TI	28SA166	16,384	DIP	24	13/21	1.0	1.0	–	–	1.0	07	–	1.0
Raytheon	29/39VP816	16,384	DIP	24	7A/68	–	–	–	–	–	13	–	–
Raytheon	29640	16,384	DIP	20	11/53	–	–	–	–	–	07	–	–
Raytheon	29641	16,384	DIP	20	11/53	–	–	–	–	–	07	–	–
Raytheon	29642	16,384	DIP	20	11/53	–	–	–	–	–	07	–	–
Raytheon	29643	16,384	DIP	20	11/53	–	–	–	–	–	07	–	–
Raytheon	29680	16,384	DIP	24	11/21	–	–	–	–	–	07	–	–
Raytheon	29680SM	16,384	DIP	24	11/21	–	–	–	–	–	07	–	–
Raytheon	29681/A	16,384	DIP	24	11/21	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29681SM	16,384	DIP	24	11/21	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29682	16,384	DIP	24	11/21	–	–	–	–	–	07	–	–
Raytheon	29682SM	16,384	DIP	24	11/21	–	–	–	–	–	07	–	–
Raytheon	29683/A	16,384	DIP	24	11/21	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29683SM	16,384	DIP	24	11/21	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29VS816	16,384	DIP	24	7A/68	–	–	–	–	–	13	–	–
TI	34L162	16,384	DIP	20	A1/53	2.2	2.2	–	–	–	09	–	2.2
TI	34L162	16,384	PLCC	20	A1/8C	–	–	2.2	3.0	–	09	090	–
TI	34R162	16,384	DIP	20	A2/3B	2.2	2.2	–	–	–	09	–	2.2
TI	34R162	16,384	PLCC	20	A2/C6	–	–	–	–	–	09	090	–
TI	34S162	16,384	DIP	20	A1/53	2.2	2.2	–	–	–	09	–	2.2
TI	34S162	16,384	PLCC	20	A1/8C	–	–	2.2	3.0	–	09	090	–
TI	34SA162	16,384	DIP	20	A1/53	2.2	2.2	–	–	–	09	–	2.2
TI	34SA162	16,384	PLCC	20	A1/8C	–	–	2.2	3.0	–	09	090	–
TI	34SR165	16,384	DIP	24	A2/4E	2.2	2.2	–	–	–	09	073	2.2
TI	34SR167	16,384	PLCC	28	A2/C5	–	–	2.2	3.0	–	09	092	–
TI	38L165	16,384	DIP	24	A1/21	2.2	2.2	–	–	–	09	–	2.2
TI	38L166	16,384	DIP	24	A1/21	2.2	2.2	–	–	–	09	–	2.2
TI	38L167	16,384	PLCC	28	A1/8B	–	–	2.2	3.0	–	09	093	–
TI	38R165	16,384	DIP	24	A2/A3	2.2	2.2	–	–	–	09	–	2.2
TI	38R167	16,384	PLCC	28	A2/9E	–	–	–	–	–	09	093	–
TI	38S165	16,384	DIP	24	A1/21	2.2	2.2	–	–	–	09	–	2.2
TI	38S166	16,384	DIP	24	A1/21	–	–	–	–	–	09	–	–
TI	38S167	16,384	PLCC	28	A1/8B	–	–	–	–	–	09	093	–
TI	38SA165	16,384	DIP	24	A1/21	2.2	2.2	–	–	–	09	–	2.2
TI	38SA166	16,384	DIP	24	A1/21	–	–	–	–	–	09	–	–
TI	38SA167	16,384	PLCC	28	A1/8B	–	–	–	–	–	09	093	–
Raytheon	39VS816	16,384	DIP	24	7A/68	–	–	–	–	–	13	–	–
AMD/MMI	53/63D1641	16,384	DIP	24	B2/80	2.2	2.2	–	–	1.0	07	073	2.2
AMD/MMI	53/63DA1643	16,384	DIP	24	AA/87	2.2	2.2	–	–	1.0	07	073	2.2
AMD/MMI	53/63LS1681	16,384	DIP	24	18/21	–	–	–	–	–	11	–	–
AMD/MMI	53/63PL1681	16,384	DIP	24	18/21	–	–	–	–	–	07	–	–
AMD/MMI	53/63PS1681	16,384	DIP	24	18/21	–	–	–	–	–	07	–	–
AMD/MMI	53/63RA1681	16,384	DIP	24	18/A3	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63RS1681	16,384	DIP	24	18/A3	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S1641	16,384	DIP	20	18/53	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S1681	16,384	DIP	24	18/21	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	53/63S1681J	16,384	DIP	24	18/21	2.2	2.2	–	–	1.1	15	–	2.2
AMD/MMI	53RA1681	16,384	LCC	28	018/7A3	–	–	2.3	3.0	1.2	–	–	–
AMD/MMI	63D1641	16,384	PLCC	28	B2/9B	–	–	2.2	3.0	1.1	07	092	–
AMD/MMI	63DA1643	16,384	PLCC	28	AA/9D	–	–	–	–	–	07	092	–
AMD/MMI	63RA1681	16,384	PLCC	28	18/9E	–	–	2.2	3.0	1.1	07	093	–
AMD/MMI	63RS1681	16,384	PLCC	28	18/9E	–	–	2.2	3.0	1.1	07	093	–
AMD/MMI	63S1641	16,384	PLCC	20	018/753	–	–	2.2	3.0	1.1	–	–	–
AMD/MMI	63S1641	16,384	PLCC	20	18/8C	–	–	–	–	–	13	090	–
AMD/MMI	63S1680	16,384	PLCC	28	18/8B	–	–	–	–	–	07	093	–
AMD/MMI	63S1681	16,384	PLCC	28	18/8B	–	–	2.2	3.0	1.1	07	093	–
Harris	6616	16,384	DIP	24	88/75	–	–	–	–	–	20	–	–
Harris	6617	16,384	DIP	24	89/75	2.0	2.0	–	–	1.3	20	–	2.0
SGS-Thomson	71190	16,384	DIP	24	92/21	2.2	2.2	–	–	1.0	07	–	2.2
SGS-Thomson	71191	16,384	DIP	24	92/21	2.2	2.2	–	–	1.0	07	–	2.2
SGS-Thomson	71290	16,384	DIP	24	92/21	2.2	2.2	–	–	1.0	14	–	2.2
SGS-Thomson	71291	16,384	DIP	24	92/21	2.2	2.2	–	–	1.0	14	–	2.2
Fujitsu	7133	16,384	DIP	20	68/EA	2.2	2.2	–	–	–	–	–	2.2
Fujitsu	7134	16,384	DIP	20	68/EA	2.2	2.2	–	–	–	–	–	2.2
Fujitsu	7135	16,384	DIP	22	68/AA	2.2	2.2	–	–	–	11	094	2.2
Fujitsu	7136	16,384	DIP	22	68/AA	2.2	2.2	–	–	–	11	094	2.2
Fujitsu	7137	16,384	DIP	24	68/21	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7138	16,384	DIP	24	68/21	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7138	16,384	LCC	28	68/8B	–	–	2.8	3.0	–	–	–	–
Fujitsu	7151	16,384	DIP	20	68/53	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	7152	16,384	DIP	20	68/53	2.2	2.2	–	–	–	07	–	2.2
Fujitsu	71A38	16,384	DIP	24	128/021	2.8	2.8	–	–	–	18	–	2.8
Fujitsu	7238RA/RS	16,384	DIP	24	68/77	2.5	2.5	–	–	–	17	066	2.5
Harris	76161	16,384	DIP	24	06/21	1.4	1.4	–	–	1.0	07	–	1.4
Motorola	76161	16,384	DIP	24	05/21	2.2	2.2	–	–	1.0	07	–	2.2
Harris	76165	16,384	DIP	20	06/53	2.2	2.2	–	–	1.0	07	–	2.2
Motorola	76165	16,384	DIP	20	05/53	–	–	–	–	–	07	–	–
National	77S190	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	77S191	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	77S195	16,384	DIP	20	08/53	–	–	–	–	–	07	–	–
National	77S290	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	77S291	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	77SR191	16,384	DIP	24	08/77	2.3	2.3	–	–	–	13	066	2.3
National	77SR193	16,384	DIP	24	08/77	2.3	2.3	–	–	–	13	066	2.3
Signetics	82HS191	16,384	DIP	24	CE/21	2.4	2.4	–	–	–	12	–	2.4
Signetics	82HS191	16,384	PLCC	28	CE/8B	–	–	2.4	3.0	–	18	093	–
Signetics	82HS195	16,384	DIP	20	CF/53	2.2	2.2	–	–	–	12	–	2.2
Signetics	82HS195	16,384	PLCC	20	CE/8C	–	–	2.2	3.0	–	14	090	–
Signetics	82S191	16,384	DIP	24	10/21	1.4	1.4	–	–	1.0	07	–	1.4
Signetics	82S191	16,384	PLCC	28	10/8B	–	–	2.4	3.0	1.1	18	093	–
TI	82S191B	16,384	DIP	24	A1/21	2.2	2.2	–	–	1.1	09	–	2.2
National	87S190	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	87S191	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	87S195	16,384	DIP	20	08/53	–	–	–	–	–	07	–	–
National	87S290	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	87S291	16,384	DIP	24	08/21	2.2	2.2	–	–	1.0	07	–	2.2
National	87SR191	16,384	DIP	24	08/77	2.3	2.3	–	–	–	13	066	2.3
National	87SR193	16,384	DIP	24	08/77	2.3	2.3	–	–	–	13	066	2.3
Fairchild	93Z511	16,384	DIP	24	A4/21	1.0	1.0	–	–	–	07	–	1.0
NEC	B409	16,384	DIP	24	72/21	2.1	2.1	–	–	–	07	–	2.1
NEC	B419	16,384	DIP	24	72/42	2.1	2.1	–	–	–	07	–	2.1
NEC	B429	16,384	DIP	24	72/21	2.4	2.4	–	–	–	11	–	2.4
NEC	B431	16,384	DIP	20	68/53	2.4	2.4	–	–	–	–	–	2.4
NEC	B431A	16,384	DIP	20	68/53	–	–	–	–	–	12	–	–
AMD/MMI	12P8	32,768	DIP	24	18/63	2.2	2.2	–	–	1.1	09	–	2.2
AMD/MMI	27PS43	32,768	DIP	24	16/63	–	–	–	–	–	07	–	–
AMD/MMI	27S43	32,768	DIP	24	16/63	2.2	2.2	–	–	1.0	07	–	2.2
Raytheon	29671/A	32,768	DIP	24	11/63	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29671/A	32,768	LCC	28	11/8E	–	–	2.6	3.0	–	–	–	–
Raytheon	29671SM	32,768	DIP	24	11/63	2.1	2.1	–	–	–	15	–	2.1
Raytheon	29673	32,768	DIP	24	11/63	2.1	2.1	–	–	–	07	–	2.1
Raytheon	29673SM	32,768	DIP	24	11/63	2.1	2.1	–	–	–	15	–	2.1
Raytheon	29771	32,768	DIP	24	13C/063	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29771SM	32,768	DIP	24	13D/063	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29773	32,768	DIP	24	13C/063	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29773SM	32,768	DIP	24	13D/063	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29VP832	32,768	DIP	24	7A/63	–	–	–	–	–	13	–	–
Raytheon	29VS832	32,768	DIP	24	7A/63	–	–	–	–	–	13	–	–
Raytheon	39VP832	32,768	DIP	24	7A/63	–	–	–	–	–	13	–	–
Raytheon	39VS832	32,768	DIP	24	7A/63	–	–	–	–	–	13	–	–
AMD/MMI	53/63S3281	32,768	DIP	24	18/63	2.2	2.2	–	–	1.1	07	–	2.2
AMD/MMI	63S3281	32,768	PLCC	28	18/8E	–	–	2.2	3.0	1.1	07	093	–
SGS-Thomson	71320	32,768	DIP	24	92/63	2.2	2.2	–	–	1.0	14	–	2.2
SGS-Thomson	71321	32,768	DIP	24	92/63	2.2	2.2	–	–	1.0	14	–	2.2
Fujitsu	7141	32,768	DIP	24	68/63	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7142	32,768	DIP	24	68/63	2.2	2.2	–	–	–	11	–	2.2
Harris	76321	32,768	DIP	24	06/63	2.2	2.2	–	–	1.0	07	–	2.2
National	77S321	32,768	DIP	24	08/63	–	–	–	–	–	07	–	–
National	77S421	32,768	DIP	24	08/63	–	–	–	–	–	11	–	–
Signetics	82HS321	32,768	DIP	24	CF/63	2.2	2.2	–	–	–	12	–	2.2
Signetics	82HS321	32,768	PLCC	28	CF/8E	–	–	2.4	3.0	–	17	093	–
National	87S321	32,768	DIP	24	08/63	–	–	–	–	–	07	–	–
National	87S421	32,768	DIP	24	08/63	2.8	2.8	–	–	1.0	11	–	2.8
AMD/MMI	27S49	65,536	DIP	24	16/67	2.4	2.4	–	–	1.0	12	–	2.4
AMD/MMI	27S49A	65,536	DIP	24	16/67	3.1	3.1	–	–	1.2	–	–	–
AMD/MMI	27S49A/B-L28	65,536	LCC	28	16/9A	–	–	3.3	3.3	1.4	–	–	–
AMD/MMI	27S49SA	65,536	DIP	24	16/67	2.3	2.3	–	–	1.2	17	–	2.3
Raytheon	29791	65,536	DIP	24	13C/067	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29791DM	65,536	DIP	24	13D/067	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29793	65,536	DIP	24	13C/067	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29793DM	65,536	DIP	24	13D/067	2.6	2.6	–	–	–	20	–	2.6
Raytheon	29VP864	65,536	DIP	24	7A/67	–	–	–	–	–	13	–	–
Raytheon	29VS864	65,536	DIP	24	7A/67	–	–	–	–	–	13	–	–
Raytheon	39VP864	65,536	DIP	24	7A/67	–	–	–	–	–	13	–	–
Raytheon	39VS864	65,536	DIP	24	7A/67	–	–	–	–	–	13	–	–
AMD/MMI	53/63S6481	65,536	DIP	24	18/67	–	–	–	–	–	07	–	–
AMD/MMI	63S6481	65,536	PLCC	28	18/9A	–	–	–	–	–	07	093	–
Fujitsu	7143	65,536	DIP	24	68/67	2.2	2.2	–	–	–	11	–	2.2
Fujitsu	7144	65,536	DIP	24	68/67	2.2	2.2	–	–	–	11	–	2.2
SGS-Thomson	71640	65,536	DIP	24	0A/67	2.2	2.2	–	–	–	14	–	2.2
SGS-Thomson	71641	65,536	DIP	24	0A/67	2.2	2.2	–	–	–	14	–	2.2
Fujitsu	71C44	65,536	DIP	24	128/067	2.8	2.8	–	–	–	18	–	2.8
Harris	76641	65,536	DIP	24	06/67	2.2	2.2	–	–	1.0	07	–	2.2
Signetics	82HS641	65,536	DIP	24	CE/67	2.2	2.2	–	–	–	12	–	2.2
Signetics	82HS641	65,536	PLCC	28	CE/9A	–	–	2.2	3.0	–	14	093	–
Fairchild	93Z450	65,536	DIP	24	A4/16	2.2	2.2	–	–	–	–	–	2.2
Fairchild	93Z564	65,536	DIP	24	A3/67	2.2	2.2	–	–	–	–	–	2.2
Fairchild	93Z565	65,536	DIP	24	A3/67	2.2	2.2	–	–	–	–	–	2.2
Fairchild	93Z565	65,536	LCC	24	0A3/767	–	–	2.2	3.0	–	–	–	–
Fairchild	93Z665	65,536	DIP	24	A0/3E	2.2	2.2	–	–	–	12	096	2.2
National	93Z665	65,536	DIP	24	A0/3E	2.2	2.2	–	–	–	12	096	2.2
Fairchild	93Z667	65,536	DIP	24	A0/3E	2.2	2.2	–	–	–	12	096	2.2
National	93Z667	65,536	DIP	24	A0/3E	2.2	2.2	–	–	–	–	–	2.2
AMD/MMI	27S51	131,072	DIP	28	16/78	2.2	2.2	–	–	1.0	11	101	2.2
TI	54ALS526	131,072	DIP	20	02/D8	2.5	2.5	–	–	1.0	–	–	2.5
TI	**54ALS527**	131,072	DIP	20	02/D9	2.5	2.5	–	–	1.0	–	–	2.5
TI	54ALS528	131,072	DIP	16	02/DA	2.5	2.5	–	–	1.0	–	–	2.5
TI	54ALS812	131,072	DIP	24	02/DB	2.5	2.5	–	–	1.0	–	–	2.5
Fujitsu	71C46	131,072	DIP	28	128/078	2.8	2.8	–	–	–	18	101	2.8
TI	74ALS526	131,072	DIP	20	02/D8	2.5	2.5	–	–	1.0	–	–	2.5
TI	74ALS527	131,072	DIP	20	02/D9	3.0	3.0	–	–	1.0	–	–	3.0
TI	74ALS528	131,072	DIP	16	02/DA	2.5	2.5	–	–	1.0	–	–	2.5
TI	74ALS812	131,072	DIP	24	02/DB	2.5	2.5	–	–	1.0	–	–	2.5

BOLD TYPE denotes algorithm changes

FPGAs

DATA SORTED BY:
Gate Count, Device, Package, Manufacturer



ABEL-FPGA Design Software

UniSite Universal Programmer

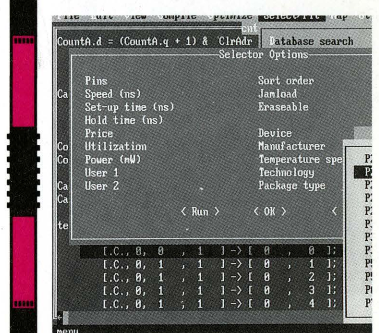
Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	Family/Pinout Code	UniSite/ChipSite	UniSite/PinSite
Actel	1010/A	FPGA	PGA	84	#	4.0	#	12C/8AC	–	3.2
Actel	1010/A	FPGA	PLCC	44	#	4.0	#	12C/0B6	–	3.2
Actel	1010/A	FPGA	PLCC	68	#	4.0	#	12C/08E	–	3.2
Actel	1010/A	FPGA	PLCC	68	#	4.0	#	12C/8AB	3.0/USM	340001
Actel	1010/A	FPGA	PLCC	84	#	4.0	#	12C/7AC	–	3.2
TI	1010A	FPGA	PLCC	68	#	4.0	#	12C/08E	–	3.2
Xilinx	2064	FPGA	PLCC	68	#	4.0	#	–/–	–	–
Xilinx	2018	FPGA	PLCC	68	#	4.0	#	–/–	–	–
Actel	1020/A	FPGA	PGA	84	#	4.0	#	146/8AC	–	3.2
Actel	1020/A	FPGA	PLCC	44	#	4.0	#	146/0B6	–	3.2
Actel	1020/A	FPGA	PLCC	68	#	4.0	#	146/08E	–	3.2
Actel	1020/A	FPGA	PLCC	68	#	4.0	#	146/8AB	3.0/USM	340001
Actel	1020/A	FPGA	PLCC	84	#	4.0	#	146/7AC	–	3.2
AT&T	3020	FPGA	PLCC	84	#	4.0	#	–/–	–	–
Xilinx	3020	FPGA	PLCC	84	#	4.0	#	–/–	–	–
AT&T	3030	FPGA	PLCC	84	#	4.0	#	–/–	–	–
Plus Logic	2020	FPGA	JLCC	84	#	4.0	#	18F/084	–	3.2
Plus Logic	2020	FPGA	PLCC	84	#	4.0	#	18F/084	–	3.3
Ricoh	2020	FPGA	JLCC	84	#	4.0	#	18F/084	–	3.2
Ricoh	2020	FPGA	PLCC	84	#	4.0	#	18F/084	–	3.2
Xilinx	3030	FPGA	PLCC	84	#	4.0	#	–/–	–	–
AT&T	3042	FPGA	PLCC	84	#	4.0	#	–/–	–	–
Xilinx	3042	FPGA	PLCC	84	#	4.0	#	–/–	–	–
AT&T	3064	FPGA	PGA	132	#	4.0	#	–/–	–	–
Xilinx	3064	FPGA	PGA	132	#	4.0	#	–/–	–	–

Supported with manufacturer software

BOLD TYPE denotes algorithm changes

COMPLEX PLDs

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer



ABEL Design Software

2900 Programming System

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Cypress	7C343	EPLD	JLCC	44	#	4.0	#	–	–	–	180/0B8	–	–	–	3.3	1.4	–	–	–	–	–	–	–	–	–
Cypress	7C342	EPLD	JLCC	68	#	4.0	#	–	–	–	180/0B7	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–
EXEL	78C800	ERASIC	DIP	24	#	–	–	–	–	–	76/2A	2.1	2.1	–	–	1.0	04	011A	04	–	–	–	–	2.1	–
EXEL	78C800	ERASIC	PLCC	28	#	–	–	–	–	–	076/72A	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
EXEL	78C800	ERASIC	PLCC	28	#	–	–	–	–	–	76/2A	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	**110**	MACH	JLCC	44	MACH110	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**110**	MACH	PLCC	44	MACH110	4.0	4.0	–	–	–	17F/0BD	–	–	3.2	3.2	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**110**	MACH	PLCC	44	MACH110	4.0	4.0	–	–	–	7F/BD	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
AMD/MMI	**110**	MACH	PLCC	68	MACH110	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**110**	MACH	PLCC	84	MACH110	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PHD48N22	PHD	PLCC	68	P48N22	4.0	4.0	–	–	2.0	96/B2	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PHD48N22	PHD	PLCC	68	P48N22	4.0	4.0	–	–	2.0	96/B3	–	–	–	3.0	–	–	–	–	–	–	–	–	–	–
Signetics	PLC42VA12	FPLA	DIP	24	F42VA12	4.0	3.2	–	–	–	86/8A	2.7	2.7	–	–	1.3	04	011A	12	15	002	–	–	–	15
Signetics	PLC42VA12	FPLA	PLCC	28	F42VA12	4.0	3.2	–	–	–	086/78A	–	–	3.0	3.0	1.3	–	–	–	–	–	–	–	–	–
Signetics	PLC42VA12	FPLA	PLCC	28	F42VA12	4.0	3.2	–	–	–	86/8A	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
Cypress	7C332	EPLD	DIP	28	P332	4.0	3.1	–	–	–	28/8B	2.8	2.8	–	–	1.1	04	011A	11	–	–	–	–	–	–
Cypress	7C332	EPLD	LCC	28	P332	4.0	3.1	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C332	EPLD	PLCC	28	P332	4.0	3.1	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**7C331**	EPLD	DIP	28	P331	4.0	3.1	–	–	–	28/5C	2.8	2.8	–	–	1.1	04	011A	11	–	–	–	–	–	–
Cypress	**7C331**	EPLD	DIP	28	P331	4.0	3.1	–	–	–	28/5C	2.8	2.8	–	–	1.3	04	011A	11	–	–	–	–	–	–
Cypress	**7C331**	EPLD	JLCC	32	P331	4.0	3.1	–	–	–	028/75C	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–
Cypress	**7C331**	EPLD	LCC	28	P331	4.0	3.1	–	–	–	028/75C	–	–	–	3.2	1.3	–	–	–	–	–	–	–	–	–
Cypress	**7C331**	EPLD	PLCC	28	P331	4.0	3.1	–	–	–	028/75C	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**210**	MACH	PLCC	44	MACH210	4.0	4.0	–	–	–	194/0C1	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	**210**	MACH	PLCC	68	MACH210	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**210**	MACH	PLCC	84	MACH210	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	5016	EPLD	DIP	20	P5016A/S	4.0	4.0	–	–	–	17B/0B9	–	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–
Altera	5016	EPLD	SO	20	P5016A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6016	EPLD	DIP	20	P5016A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6016	EPLD	JLCC	20	P5016A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6016	EPLD	PLCC	20	P5016A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	**MAPL128**	FPLA	PLCC	28	#	4.0	#	–	–	–	0D/C0	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Atmel	750	EPLD	DIP	24	P750	4.0	3.0	–	1.0	–	65/0F	2.2	2.2	–	–	1.0	04	011A	05	–	–	–	–	2.2	–
Atmel	750	EPLD	FP	24	P750	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Atmel	750	EPLD	PLCC	28	P750	4.0	3.0	–	1.0	–	065/70F	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Atmel	750	EPLD	PLCC	28	P750	4.0	3.0	–	1.0	–	65/0F	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
Signetics	**PLHS502**	FPML	PLCC	68	F502	–	–	–	–	–	1C/5E	2.8	2.8	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	**PLHS502**	FPML	PLCC	68	F502	–	–	–	–	–	1C/5F	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
Signetics	**PLHS501**	FPLA	PLCC	52	PML501	4.0	2.1	–	–	–	01C/707	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
Cypress	**7C330**	EPLD	DIP	28	P330	4.0	3.0	–	1.0	–	28/1A	2.8	2.8	–	–	1.1	04	011A	07	–	–	–	–	–	–
Cypress	**7C330**	EPLD	JLCC	28	P330	4.0	3.0	–	1.0	–	028/71A	–	–	–	3.2	1.4	–	–	–	–	–	–	–	–	–
Cypress	**7C330**	EPLD	LCC	28	P330	4.0	3.0	–	1.0	–	028/71A	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
Cypress	**7C330**	EPLD	PLCC	28	P330	4.0	3.0	–	1.0	–	028/71A	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
Signetics	PLHS601	PLHS	PLCC	68	F601	4.0	4.0	–	–	–	1C/BB	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLHS601	PLHS	PLCC	68	F601	4.0	4.0	–	–	–	1C/BC	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–
Altera	5024	EPLD	DIP	24	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	5024	EPLD	SO	24	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6024	EPLD	DIP	24	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6024	EPLD	JLCC	28	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6024	EPLD	PLCC	28	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6024	EPLD	SO	24	P5024A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	5032	EPLD	DIP	28	P5032A/S	4.0	4.0	–	–	–	17B/0AE	–	3.1	–	–	1.3	–	–	–	–	–	–	–	–	–
Altera	5032	EPLD	JLCC	28	P5032A/S	4.0	4.0	–	–	–	17B/7AE	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–
Altera	5032	EPLD	PLCC	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	5032	EPLD	SO	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6032	EPLD	DIP	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6032	EPLD	JLCC	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6032	EPLD	PLCC	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	6032	EPLD	SO	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C344	EPLD	DIP	28	P5032A/S	4.0	4.0	–	–	–	180/0AE	–	3.1	–	–	1.4	–	–	–	–	–	–	–	–	–
Cypress	7C344	EPLD	JLCC	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C344	EPLD	PLCC	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	7C344	EPLD	SO	28	P5032A/S	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PML2552	FPLA	JLCC	68	#	4.0	#	–	–	–	159/08D	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
Signetics	PML2552	FPLA	PLCC	68	#	4.0	#	–	–	–	159/08C	2.8	2.8	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PML2552	FPLA	PLCC	68	#	4.0	#	–	–	–	159/08D	–	–	–	3.0	–	–	–	–	–	–	–	–	–	–
Atmel	2500	EPLD	DIP	40	P2500	4.0	3.1	–	–	–	131/125	2.6	2.6	–	–	1.3	–	–	–	–	–	–	–	–	–
Atmel	2500	EPLD	PLCC	44	P2500	4.0	3.1	–	–	–	131/145	–	–	2.8	3.0	1.3	–	–	–	–	–	–	–	–	–
Altera	5064	EPLD	JLCC	44	#	4.0	#	–	–	–	17B/0B8	–	–	–	3.2	1.3	–	–	–	–	–	–	–	–	–
Altera	5128	EPLD	JLCC	68	#	4.0	#	–	–	–	17B/0B7	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–

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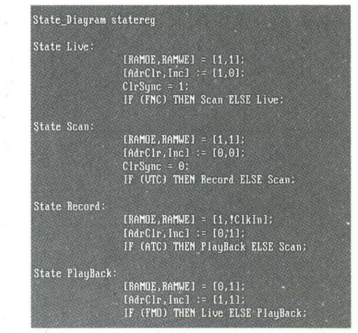
EECMOS PLDs

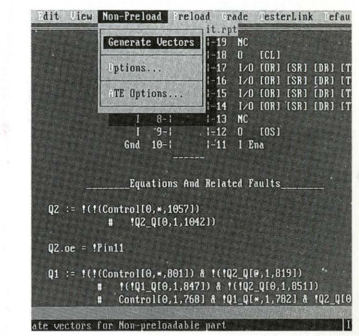
DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Toshiba	9800P	PLA	DIP	20	F9800	4.0	3.2	–	–	–	149/0B1	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	2.8	–
Toshiba	9800P	PLA	SO	20	F9800	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Toshiba	9801P	PLA	DIP	20	F9800	4.0	3.2	–	–	–	14A/0B1	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	2.8	–
Toshiba	9801P	PLA	SO	20	F9800	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gould AMI	153	PEEL	DIP	20	F153	4.0	1.0	3.2	1.0	–	7D/65	2.6	2.6	–	–	1.0	04	011A	09	16	001	–	–	2.6	16
Hyundai	153	EEPAL	DIP	20	F153	4.0	1.0	3.2	1.0	–	E4/65	–	–	–	–	–	–	–	–	16	001	–	–	–	16
ICT	153	PEEL	DIP	20	F153	4.0	1.0	3.2	1.0	–	8D/65	2.2	2.2	–	–	1.0	04	011A	06	16	001	2.1L	CL1	2.2	16
Gould AMI	173	PEEL	DIP	24	F173	4.0	2.0	3.2	1.0	–	7D/76	2.5	2.5	–	–	1.0	04	011A	04	16	001	2.1L	CL1	2.5	16
Hyundai	173	EEPAL	DIP	24	F173	4.0	2.0	3.2	1.0	–	E4/76	–	–	–	–	–	–	–	–	16	001	–	–	–	16
ICT	173	PEEL	DIP	24	F173	4.0	2.0	3.2	1.0	–	8D/76	2.2	2.2	–	–	1.0	04	011A	04	16	001	2.1L	CL1	2.2	16
Lattice	**16V8**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	3.3	3.3	–	–	1.4	04	011A	03	11	001	2.1L	CL1	–	12
National	**16V8**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	0D/55	2.2	2.2	–	–	1.1	04	011A	03	11	001	–	–	2.2	12
VLSI	16V8	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	2F/55	1.7	1.7	–	–	1.0	04	011A	01	10	001	2.1L	CL1	1.7	10
Lattice	**16V8**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	036/755	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Lattice	**16V8**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
National	**16V8**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	00D/755	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16V8**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	0D/55	–	–	–	–	–	04	011B	03	13	006	–	–	–	–
VLSI	16V8	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	02F/755	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
VLSI	16V8	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	2F/55	–	–	–	–	–	04	011B	02	–	–	–	–	–	–
VLSI	16V8	GAL	SO	20	P16V8	4.0	2.0	3.2	1.0	1.2	02F/855	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	**16V8/AS**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	14/55	2.8	2.8	–	–	1.0	04	011A	10	14	001	–	–	2.8	14
SGS-Thomson	**16V8/AS**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	014/755	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
SGS-Thomson	**16V8/AS**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	14/55	–	–	–	–	–	04	011B	03	12	006	–	–	–	–
Lattice	**16V8A**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	3.3	3.3	–	–	1.4	04	011A	07	13	001	2.1L	CL1	–	13
Lattice	**16V8A**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	036/755	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Lattice	**16V8A**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**16V8A/QS**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	0D/55	2.5	2.5	–	–	1.1	04	011A	09	13	001	–	–	2.5	13
National	**16V8A/QS**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	00D/755	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
National	**16V8A/QS**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	0D/55	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
Lattice	**16V8B**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	3.3	3.3	–	–	1.4	04	011A	13	16	001	–	–	–	16
Lattice	**16V8B**	GAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	36/55	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Lattice	**16VP8**	GAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8H-10**	PAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8H-10**	PAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	080/755	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8H/Q/-15/-25**	PAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	80/55	3.1	3.1	–	–	1.2	04	011A	12	15	001	–	–	2.8	15
AMD/MMI	**CE16V8H/Q/-15/-25**	PAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	080/755	–	–	3.1	3.1	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8H/Q/-15/-25**	PAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	80/55	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
AMD/MMI	**CE16V8H/Q/-15/-25**	PAL	SO	20	P16V8	4.0	2.0	3.2	1.0	1.2	080/855	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8HD**	PAL	DIP	24	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8HD**	PAL	PLCC	28	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8Z**	PAL	DIP	20	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE16V8Z**	PAL	PLCC	20	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	16Z8	GAL	DIP	24	P16Z8	4.0	3.0	3.2	1.0	1.0	36/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	16Z8	GAL	DIP	24	P16Z8	4.0	3.0	3.2	1.0	1.0	36/47	2.4	2.4	–	–	–	04	011A	01	–	–	–	–	2.4	–
National	16Z8	ISP	DIP	20	P16Z8	4.0	3.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	16Z8	GAL	DIP	24	P16Z8	4.0	3.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	16Z8	GAL	PLCC	28	P16Z8	4.0	3.0	3.2	1.0	1.0	36/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	16Z8	GAL	PLCC	28	P16Z8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gould AMI	253	PEEL	DIP	20	F253	4.0	3.0	3.2	1.0	–	7D/85	2.5	2.5	–	–	1.0	04	011A	09	16	001	–	–	2.5	16
Hyundai	253	EEPAL	DIP	20	F253	4.0	3.0	3.2	1.0	–	E4/85	–	–	–	–	–	–	–	–	16	001	–	–	–	16
ICT	253	PEEL	DIP	20	F253	4.0	3.0	3.2	1.0	–	8D/85	2.2	2.2	–	–	1.0	04	011A	06	16	001	2.1L	CL1	2.2	16
Gould AMI	18CV8	PEEL	DIP	20	P18CV8	4.0	2.1	3.2	1.0	–	7D/3A	1.4	1.4	–	–	1.0	04	011A	04	11	001	2.1L	CL1	1.4	12
Hyundai	18CV8	EEPLD	DIP	20	P18CV8	4.0	2.1	3.2	1.0	–	E4/3A	2.6	2.6	–	–	–	04	011A	12	16	001	–	–	–	16
ICT	18CV8	PEEL	DIP	20	P18CV8	4.0	2.1	3.2	1.0	–	8D/3A	1.4	1.4	–	–	1.0	04	011A	04	11	001	2.1L	CL1	1.4	12
Gould AMI	18CV8	PEEL	PLCC	20	P18CV8	4.0	2.1	3.2	1.0	–	07D/73A	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Gould AMI	18CV8	PEEL	PLCC	20	P18CV8	4.0	2.1	3.2	1.0	–	7D/3A	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
ICT	18CV8	PEEL	PLCC	20	P18CV8	4.0	2.1	3.2	1.0	–	08D/73A	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
ICT	18CV8	PEEL	PLCC	20	P18CV8	4.0	2.1	3.2	1.0	–	8D/3A	–	–	–	–	–	04	011B	04	14	006	–	–	–	–
Lattice	**20V8**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	36/57	3.3	3.3	–	–	1.4	04	011A	03	11	001	2.1L	CL1	–	12
National	**20V8**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	0D/57	2.2	2.2	–	–	1.0	04	011A	03	11	001	–	–	2.2	12
VLSI	20V8	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	2F/57	1.5	1.5	–	–	1.2	04	011A	01	10	001	2.1L	CL1	1.5	10
Lattice	**20V8**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	036/757	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Lattice	**20V8**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	36/57	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
National	**20V8**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	00D/757	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20V8**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	0D/57	–	–	–	–	–	04	011B	03	13	006	–	–	–	–
VLSI	20V8	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	02F/757	–	–	1.5	3.0	1.2	–	–	–	–	–	–	–	–	–
VLSI	20V8	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	2F/57	–	–	–	–	–	04	011B	02	–	–	–	–	–	–
VLSI	20V8	GAL	SO	24	P20V8	4.0	2.0	3.2	1.0	1.2	02F/857	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	**20V8/AS**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	14/57	2.8	2.8	–	–	1.0	04	011A	10	14	001	–	–	2.8	14
SGS-Thomson	**20V8/AS**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	014/657	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–
SGS-Thomson	**20V8/AS**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	14/57	–	–	–	–	–	04	011B	03	12	006	–	–	–	–
Lattice	**20V8A**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	36/57	3.3	3.3	–	–	1.4	04	011A	07	13	001	2.1L	CL1	–	13
Lattice	**20V8A**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	036/757	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Lattice	**20V8A**	GAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	36/57	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**20V8A/QS**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	0D/57	2.5	2.5	–	–	1.0	04	011A	09	13	001	–	–	2.5	13
Lattice	**20V8B**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**20VP8**	GAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE20V8H-10**	PAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	80/57	3.1	3.1	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE20V8H-10**	PAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	080/657	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE20V8H/Q/-15/-25**	PAL	DIP	24	P20V8	4.0	2.0	3.2	1.0	1.2	80/57	2.8	2.8	–	–	1.0	04	011A	12	15	001	–	–	2.8	15
AMD/MMI	**CE20V8H/Q/-15/-25**	PAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	080/657	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE20V8H/Q/-15/-25**	PAL	PLCC	28	P20V8	4.0	2.0	3.2	1.0	1.2	80/57	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
AMD/MMI	**CE20V8H/Q/-15/-25**	PAL	SO	24	P20V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SGS-Thomson	**20V8/AS-J**	GAL	PLCC	28	P20V8C	4.0	4.0	3.2	–	1.2	014/757	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
National	**20V8A/QS**	GAL	PLCC	28	P20V8C	4.0	4.0	3.2	–	1.2	00D/757	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
National	**20V8A/QS**	GAL	PLCC	28	P20V8C	4.0	4.0	3.2	–	1.2	0D/57	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
Lattice	**20V8B**	GAL	PLCC	28	P20V8R	4.0	4.0	3.2	–	1.2	36/57	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Gould AMI	273	PEEL	DIP	24	F273	4.0	3.0	3.2	1.0	–	7D/86	2.5	2.5	–	–	1.0	04	011A	04	16	001	2.1L	CL1	2.5	16
Hyundai	273	EEPAL	DIP	24	F273	4.0	3.0	3.2	1.0	–	E4/86	–	–	–	–	–	–	–	–	16	001	–	–	–	16
ICT	273	PEEL	DIP	24	F273	4.0	3.0	3.2	1.0	–	8D/86	2.2	2.2	–	–	1.0	04	011A	04	16	001	2.1L	CL1	2.2	16
National	18V8A	GAL	DIP	20	P18V8	4.0	3.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**20RA10**	GAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	036/745	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–
Lattice	**20RA10**	GAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	36/45	3.1	3.1	–	–	–	04	011A	13	–	–	–	–	–	–
National	**20RA10**	GAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	20RA10Z	EEPAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	9E/45	2.3	2.3	–	–	1.0	04	011A	04	–	–	–	–	2.3	–
AMD/MMI	CE20RA10	PAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	80/45	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	CE20RA10Z	PAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	DE/45	2.3	2.3	–	–	1.0	04	011A	06	–	–	–	–	2.3	–
Lattice	**20RA10**	GAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	036/745	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–
Lattice	**20RA10**	GAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	36/45	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
National	**20RA10**	GAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	**20RA10-V**	GAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**20RA10UES**	GAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	36/A5	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
SEEQ	20RA10Z	EEPAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	09E/745	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
SEEQ	20RA10Z	EEPAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	9E/45	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
AMD/MMI	CE20RA10Z	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	0DE/745	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	CE20RA10Z	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	DE/45	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
Lattice	**20RA10UES**	GAL	DIP	24	P20RA10G	4.0	4.0	–	–	–	36/A5	–	–	–	–	–	04	011A	13	–	–	–	–	–	–
AMD/MMI	CE167	FPLS	DIP	24	F167	4.0	1.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**18V10**	GAL	DIP	20	P18V10G	4.0	3.2	3.2	–	–	36/5F	3.0	3.0	–	–	1.0	04	011A	11	16	001	–	–	–	16
National	**18V10**	GAL	DIP	20	P18V10G	4.0	3.2	3.2	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**18V10**	GAL	PLCC	20	P18V10G	4.0	3.2	3.2	–	–	036/75F	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Lattice	**18V10**	GAL	PLCC	20	P18V10G	4.0	3.2	3.2	–	–	36/5F	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
AMD/MMI	PLSCE105	PAL	DIP	28	F105	4.0	1.0	3.2	1.0	–	162/063	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	PLSCE105	PAL	PLCC	28	F105	4.0	1.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	CE168	FPLS	DIP	24	F168	4.0	2.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	CE24V10	PAL	DIP	28	P24V10C/R/S	4.0	4.0	–	–	–	80/A1	–	3.2	–	–	–	–	–	–	–	–	–	–	–	16
Gould AMI	20CG10	PEEL	DIP	24	P20CG10	4.0	1.0	3.2	1.0	–	7D/56	2.5	2.5	–	–	1.0	04	011A	10	–	–	–	–	2.5	–
Gould AMI	20CG10	PEEL	DIP	24	P20CG10	4.0	1.0	3.2	1.0	–	8D/56	–	–	–	–	–	–	–	–	15	001	–	–	–	15
ICT	20CG10	PEEL	DIP	24	P20CG10	4.0	1.0	3.2	1.0	–	8D/56	2.6	2.6	–	–	1.0	04	011A	10	15	001	2.1L	CL1	2.6	15
ICT	20CG10	PEEL	PLCC	28	P20CG10	4.0	1.0	3.2	1.0	–	8D/56	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Gould AMI	22CV10	PEEL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	7D/28	2.5	2.5	–	–	1.0	04	011A	10	14	001	–	–	2.5	14
Gould AMI	22CV10	PEEL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	8D/28	–	–	–	–	–	–	–	–	–	–	2.1L	CL1	–	–
Hyundai	22CV10	EEPAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	22CV10	PEEL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	8D/28	2.6	2.6	–	–	1.0	04	011A	10	14	001	2.1L	CL1	2.6	14
ICT	22CV10A	PEEL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	A6/28	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
ICT	22CV10A+	PEEL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	A6/A3	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
Lattice	**22V10**	GAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	36/28	2.5	2.5	–	–	1.0	04	011A	09	15	001	–	–	–	15
Lattice	**22V10**	GAL	PLCC	28	P22V10	4.0	1.0	3.2	1.0	1.2	036/728	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Lattice	**22V10**	GAL	PLCC	28	P22V10	4.0	1.0	3.2	1.0	1.2	36/28	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Lattice	**22V10B**	GAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	36/28	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
Lattice	**22V10B**	GAL	PLCC	28	P22V10	4.0	1.0	3.2	1.0	1.2	36/28	–	–	–	–	–	04	–	–	–	–	–	–	–	–
AMD/MMI	**CE22V10**	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	80/28	3.1	3.1	–	–	1.2	04	011A	12	15	002	–	–	2.8	15
AMD/MMI	**CE22V10**	PAL	SO	24	P22V10	4.0	1.0	3.2	1.0	1.2	080/828	–	–	3.3	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	CE22V10Z	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gould AMI	22CV10	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	07D/728	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Gould AMI	22CV10	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	7D/28	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
ICT	22CV10	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	08D/728	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–
ICT	22CV10	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	8D/28	–	–	–	–	–	04	011B	04	14	006	–	–	–	–
ICT	22CV10A	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	A6/28	–	–	–	–	–	04	–	–	–	–	–	–	–	–
ICT	22CV10A+	PEEL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	A6/A3	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**22V10-V**	GAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	00D/728	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**22V10-V**	GAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	0D/28	–	–	–	–	–	04	–	–	16	006	–	–	–	–
National	**22V10UES**	GAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	0D/7F	–	–	–	–	–	04	–	–	16	006	–	–	–	–
AMD/MMI	**CE22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	080/728	–	–	3.1	3.1	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	80/28	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
AMD/MMI	CE22V10Z	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Gould AMI	22CV10Z	PEEL	DIP	24	P22CV10Z	4.0	3.0	3.2	1.0	–	7D/A3	2.6	2.6	–	–	1.0	04	011A	10	14	001	–	–	2.6	14
ICT	22CV10Z	PEEL	DIP	24	P22CV10Z	4.0	3.0	3.2	1.0	–	8D/A3	2.6	2.6	–	–	1.0	04	011A	10	14	001	–	–	2.6	14
Gould AMI	22CV10Z	PEEL	PLCC	28	P22CV10Z	4.0	3.0	3.2	1.0	–	07D/7A3	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Gould AMI	22CV10Z	PEEL	PLCC	28	P22CV10Z	4.0	3.0	3.2	1.0	–	7D/A3	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
ICT	22CV10Z	PEEL	PLCC	28	P22CV10Z	4.0	3.0	3.2	1.0	–	08D/7A3	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
ICT	22CV10Z	PEEL	PLCC	28	P22CV10Z	4.0	3.0	3.2	1.0	–	8D/A3	–	–	–	–	–	04	011B	04	14	006	–	–	–	–
National	**22V10**	GAL	DIP	24	P22V10G	4.0	3.2	–	–	2.0	0D/28	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
Lattice	**22V10BUES**	GAL	DIP	24	P22V10G	4.0	3.2	–	–	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**22V10BUES**	GAL	PLCC	28	P22V10G	4.0	3.2	–	–	2.0	36/7F	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Lattice	**22V10UES**	GAL	DIP	24	P22V10G	4.0	3.2	–	–	2.0	36/7F	2.5	2.5	–	–	1.0	04	011A	09	15	001	–	–	–	15
National	**22V10UES**	GAL	DIP	24	P22V10G	4.0	3.2	–	–	2.0	0D/7F	3.1	3.1	–	–	1.2	04	011A	12	–	–	–	–	–	16
Lattice	**22V10UES**	GAL	PLCC	28	P22V10G	4.0	3.2	–	–	2.0	036/77F	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Lattice	**22V10UES**	GAL	PLCC	28	P22V10G	4.0	3.2	–	–	2.0	36/7F	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Lattice	**26CV12**	GAL	DIP	28	P26CV12	4.0	3.2	3.2	–	–	36/4E	–	2.7	–	–	1.0	04	011A	11	–	–	–	–	–	–
Lattice	**26CV12**	GAL	PLCC	28	P26CV12	4.0	3.2	3.2	–	–	036/743	–	–	–	–	1.3	–	–	–	–	–	–	–	–	–
Lattice	**26CV12**	GAL	PLCC	28	P26CV12	4.0	3.2	3.2	–	–	036/74E	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE610**	PAL	DIP	24	E0600	4.0	2.0	–	1.0	2.0	80/59	3.0	3.0	–	–	–	04	011A	13	–	–	–	–	3.0	–
AMD/MMI	**CE610**	PAL	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	080/759	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
AMD/MMI	CE610H	PAL	DIP	24	E0600	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SEEQ	26V12	EEPAL	DIP	28	P26V12	4.0	3.1	–	1.0	2.0	9E/4E	–	2.7	–	–	1.0	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE26V12**	PAL	DIP	28	P26V12	4.0	3.1	–	1.0	2.0	80/4E	–	2.7	–	–	1.2	04	011A	12	–	–	–	–	–	16
AMD/MMI	**CE26V12**	PAL	PLCC	28	P26V12	4.0	3.1	–	1.0	2.0	080/74E	–	–	–	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE26V12H**	PAL	DIP	28	P26V12	4.0	3.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lattice	**6001**	GAL	DIP	24	F6001	4.0	3.1	–	–	–	36/4A	2.7	2.7	–	–	1.0	04	011A	11	15	001	2.1L	CL1	–	15
National	**6001**	GAL	DIP	24	F6001	4.0	3.1	–	–	–	0D/4A	2.5	2.5	–	–	1.0	04	011A	11	15	001	–	–	–	15
Lattice	**6001**	GAL	PLCC	28	F6001	4.0	3.1	–	–	–	036/74A	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Lattice	**6001**	GAL	PLCC	28	F6001	4.0	3.1	–	–	–	36/4A	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
National	**6001**	GAL	PLCC	28	F6001	4.0	3.1	–	–	–	0D/4A	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
SGS-Thomson	6001/AS	GAL	DIP	24	F6001	4.0	3.1	–	–	–	14/4A	3.1	3.1	–	–	1.3	04	011A	11	15	001	–	–	–	15
SGS-Thomson	6001/AS	GAL	PLCC	28	F6001	4.0	3.1	–	–	–	14/4A	–	–	3.3	3.3	1.4	04	–	–	–	–	–	–	–	–
AMD/MMI	**CE29MA16-25/-35**	PAL	DIP	24	P29MA16	4.0	3.0	–	1.0	–	60/4C	2.4	2.4	–	–	1.0	04	011A	03	–	–	–	–	2.4	–
AMD/MMI	**CE29MA16/4**	PAL	DIP	24	P29MA16	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE29MA16/4**	PAL	PLCC	28	P29MA16	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE29M16-25/-35**	PAL	DIP	24	P29M16	4.0	3.0	–	1.0	–	60/4B	2.5	2.5	–	–	1.0	04	011A	03	–	–	–	–	2.5	–
AMD/MMI	**CE29M16/4**	PAL	DIP	24	P29M16	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**CE29M16/4**	PAL	PLCC	28	P29M16	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
ICT	**7024**	PEELARY	DIP	24	F7024	4.0	4.0	–	–	–	141/027	3.3	3.2	–	–	–	–	–	–	–	–	–	–	–	–
ICT	**7024**	PEELARY	PLCC	28	F7024	4.0	4.0	–	–	–	141/727	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–

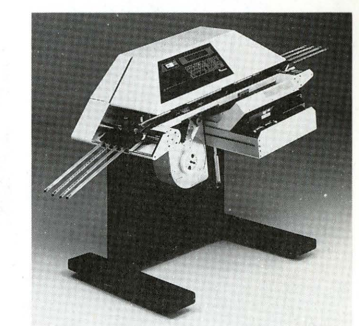
BOLD TYPE denotes algorithm changes



ABEL-PLD Design Software



PLDtest Plus Software



Quality Automation Autolabel 3000

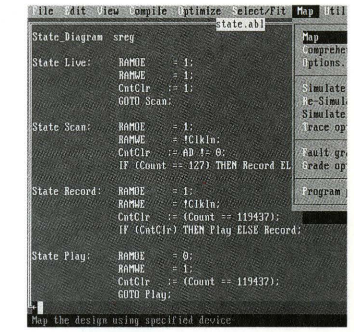
CMOS PLDs

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

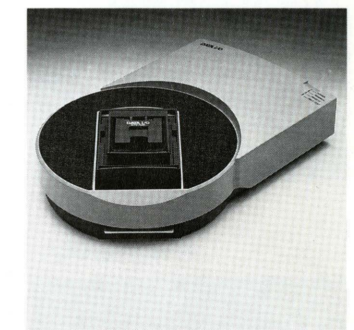
Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Intel	85C508	MPLD	DIP	28	P508	4.0	3.2	–	–	–	55/B0	3.3	3.3	–	–	–	–	–	–	–	–	–	–	–	–
Intel	85C508	MPLD	PLCC	28	P508	4.0	3.2	–	–	–	055/7C0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P10P8	EPLD	DIP	20	P10P8	4.0	1.0	3.2	1.0	1.0	32/51	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
VLSI	P12P6	EPLD	DIP	20	P12P6	4.0	1.0	3.2	1.0	1.0	32/52	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
VLSI	P14P4	EPLD	DIP	20	P14P4	4.0	1.0	3.2	1.0	1.0	32/53	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
Cypress	**12L10**	PAL	DIP	24	P12L10	4.0	1.0	3.2	1.0	1.0	28/01	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Sprague	12LC10	SPL	DIP	24	P12L10	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P16P2	EPLD	DIP	20	P16P2	4.0	1.0	3.2	1.0	1.0	32/54	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
Cypress	**14L8**	PAL	DIP	24	P14L8	4.0	1.0	3.2	1.0	1.0	28/02	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Sprague	14LC8	SPL	DIP	24	P14L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**16L6**	PAL	DIP	24	P16L6	4.0	1.0	3.2	1.0	1.0	28/03	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Sprague	16LC6	SPL	DIP	24	P16L6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20L2**	PAL	DIP	24	P20L2	4.0	1.0	3.2	1.0	1.0	28/05	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Sprague	20LC2	SPL	DIP	24	P20L2	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**18L4**	PAL	DIP	24	P18L4	4.0	1.0	3.2	1.0	1.0	28/04	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Sprague	18LC4	SPL	DIP	24	P18L4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLC473	FPLA	DIP	24	F473	4.0	2.1	–	1.0	–	86/78	2.1	2.1	–	–	1.1	04	011A	02	–	–	–	–	–	–
Signetics	PLC473	FPLA	PLCC	28	F473	4.0	2.1	–	1.0	–	086/778	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC473	FPLA	PLCC	28	F473	4.0	2.1	–	1.0	–	86/78	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
Cypress	**20L10**	PAL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	28/06	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Samsung	20L10	CPL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	9D/06	3.0	3.0	–	–	1.0	04	011A	07	13	001	2.1L	CL1	3.0	13
Samsung	20L10	CPL	PLCC	28	P20L10	4.0	1.0	3.2	1.0	1.0	09D/706	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	20L10	CPL	PLCC	28	P20L10	4.0	1.0	3.2	1.0	1.0	9D/06	–	–	–	–	–	04	011B	04	15	007	–	–	–	–
Sprague	20LC10	SPL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	20XC10	SPL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	20XC4	SPL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	20XC8	SPL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	34/23	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Signetics	PLC153	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	86/65	2.1	2.1	–	–	1.1	04	011A	05	–	–	–	–	2.1	–
Signetics	PLC153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	086/765	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	86/65	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
Cypress	**16L8**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	28/17	3.0	3.0	–	–	1.0	04	011A	01	05	001	2.1L	CL1	3.0	05
Samsung	16L8	CPL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	9D/17	3.0	3.0	–	–	1.0	04	011A	04	11	001	2.1L	CL1	3.0	12
Cypress	**16L8**	PAL	LCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	028/717	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Samsung	16L8	CPL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	09D/717	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	16L8	CPL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	9D/17	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Cypress	**16L8**	PAL	SOJ	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	16LC8	SPL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	34/17	–	–	–	–	–	04	011A	01	08	001	–	–	–	08
TI	C16L8	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	42/17	2.2	2.2	–	–	1.0	04	011A	03	11	001	–	–	2.2	12
AMD/MMI	**C16L8Q**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	DB/17	2.4	2.4	–	–	1.0	04	011A	04	–	–	–	–	2.4	–
AMD/MMI	**C16L8Q**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0DB/717	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16L8Q**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	DB/17	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
AMD/MMI	**C16L8Z**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	46/17	2.3	2.3	–	–	–	04	011A	07	13	001	2.1L	CL1	2.3	13
AMD/MMI	**C16L8Z**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	046/717	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16L8Z**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	46/17	–	–	–	–	–	04	011B	01	14	006	–	–	–	–
Cypress	**16R4**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	28/24	3.0	3.0	–	–	1.0	04	011A	01	05	001	2.1L	CL1	3.0	05
Samsung	16R4	CPL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	9D/24	3.0	3.0	–	–	1.0	04	011A	04	11	001	2.1L	CL1	3.0	12
Cypress	**16R4**	PAL	LCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	16R4	CPL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	09D/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	16R4	CPL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	9D/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Cypress	**16R4**	PAL	SOJ	20	P16R4	4.0	1.0	3.2	1.0	1.0	28/24	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	16RC4	SPL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	34/24	–	–	–	–	–	04	011A	01	08	001	–	–	–	08
TI	C16R4	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	42/24	2.2	2.2	–	–	1.0	04	011A	03	11	001	–	–	2.2	12
AMD/MMI	**C16R4Q**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	DB/24	2.4	2.4	–	–	1.0	04	011A	04	–	–	–	–	2.4	–
AMD/MMI	**C16R4Q**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	0DB/724	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R4Q**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	DB/24	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
AMD/MMI	**C16R4Z**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	46/24	2.3	2.3	–	–	–	04	011A	07	13	001	2.1L	CL1	2.3	13
AMD/MMI	**C16R4Z**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	046/724	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R4Z**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	46/24	–	–	–	–	–	04	011B	01	14	006	–	–	–	–
Cypress	**16R6**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	28/24	3.0	3.0	–	–	1.0	04	011A	01	05	001	2.1L	CL1	3.0	05
Samsung	16R6	CPL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	9D/24	3.0	3.0	–	–	1.0	04	011A	04	11	001	2.1L	CL1	3.0	12
Cypress	**16R6**	PAL	LCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	16R6	CPL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	09D/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	16R6	CPL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	9D/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Cypress	**16R6**	PAL	SOJ	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	16RC6	SPL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	34/24	–	–	–	–	–	04	011A	01	08	001	–	–	–	08
TI	C16R6	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	42/24	2.2	2.2	–	–	1.0	04	011A	03	11	001	–	–	2.2	12
AMD/MMI	**C16R6Q**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	110/021	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R6Q**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	DB/24	2.4	2.4	–	–	1.0	04	011A	04	–	–	–	–	2.4	–
AMD/MMI	**C16R6Q**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	0DB/724	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R6Q**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	DB/24	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
AMD/MMI	**C16R6Z**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	46/24	2.3	2.3	–	–	–	04	011A	07	13	001	2.1L	CL1	2.3	13
AMD/MMI	**C16R6Z**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	046/724	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R6Z**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	46/24	–	–	–	–	–	04	011B	01	14	006	–	–	–	–
Cypress	**16R8**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	28/24	3.0	3.0	–	–	1.0	04	011A	01	05	001	2.1L	CL1	3.0	05
Samsung	16R8	CPL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	9D/24	3.0	3.0	–	–	1.0	04	011A	04	11	001	2.1L	CL1	3.0	12
Cypress	**16R8**	PAL	LCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	16R8	CPL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	09D/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	16R8	CPL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	9D/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Cypress	**16R8**	PAL	SOJ	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Sprague	16RC8	SPL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	34/24	–	–	–	–	–	04	011A	01	08	001	–	–	–	08
TI	C16R8	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	42/24	2.2	2.2	–	–	1.0	04	011A	03	11	001	–	–	2.2	12
AMD/MMI	**C16R8Q**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	DB/24	2.4	2.4	–	–	1.0	04	011A	04	11	001	–	–	2.4	12
AMD/MMI	**C16R8Q**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	0DB/724	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R8Q**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	DB/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	**C16R8Z**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	46/24	2.3	2.3	–	–	–	04	011A	07	13	001	2.1L	CL1	2.3	13
AMD/MMI	**C16R8Z**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	046/724	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C16R8Z**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	46/24	–	–	–	–	–	04	011B	01	14	006	–	–	–	–
Harris	16LC8	HPL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	24/17	–	–	–	–	–	04	007	01	–	–	–	–	–	–
Harris	16LC8L	HPL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harris	16PC8	HPL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	24/30	–	–	–	–	–	04	007	01	–	–	–	–	–	–
VLSI	P16P8	EPLD	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	32/30	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
Harris	16RC4	HPL	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	24/17	–	–	–	–	–	04	007	01	–	–	–	–	–	–
Harris	16RC4L	HPL	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P16RP4	EPLD	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	32/31	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
Harris	16RC6	HPL	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	24/17	–	–	–	–	–	04	007	01	–	–	–	–	–	–

BOLD TYPE denotes algorithm changes

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Harris	16RC6L	HPL	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P16RP6	EPLD	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	32/31	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
Harris	16RC8	HPL	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	24/17	–	–	–	–	–	04	007	01	–	–	–	–	–	–
Harris	16RC8L	HPL	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P16RP8	EPLD	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	32/31	–	–	–	–	–	04	011A	01	05	001	–	–	–	05
AMD/MMI	29CPL141	FPC	DIP	28	–	–	–	–	–	–	94/7C	2.4	2.4	–	–	1.0	04	011A	08	–	–	–	–	2.4	–
AMD/MMI	29CPL141	FPC	DIP	28	–	–	–	–	–	–	94/7C	2.4	2.4	–	–	1.0	04	FPC	03	–	–	–	–	2.4	–
AMD/MMI	29CPL151	FPC	DIP	28	–	–	–	–	–	–	94/7C	2.4	2.4	–	–	1.0	04	011A	08	–	–	–	–	2.4	–
AMD/MMI	29CPL151	FPC	DIP	28	–	–	–	–	–	–	94/7C	2.4	2.4	–	–	1.0	04	FPC	03	–	–	–	–	2.4	–
AMD/MMI	29CPL151	FPC	PLCC	28	–	–	–	–	–	–	094/77C	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	29CPL151	FPC	PLCC	28	–	–	–	–	–	–	94/7C	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
Ricoh	16P8	EPLD	DIP	20	E16P8	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16P8	EPLD	PLCC	20	E16P8	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP4	EPLD	DIP	20	E16RP4	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP4	EPLD	PLCC	20	E16RP4	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP6	EPLD	DIP	20	E16RP6	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP6	EPLD	PLCC	20	E16RP6	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP8	EPLD	DIP	20	E16RP8	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP8	EPLD	PLCC	20	E16RP8	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLC173	FPLA	DIP	20	F173	4.0	2.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLC173	FPLA	PLCC	20	F173	4.0	2.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
VLSI	P16V8	EPLD	SO	24	P16V8	4.0	2.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20L8**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	28/26	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Samsung	20L8	CPL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	9D/26	3.0	3.0	–	–	1.0	04	011A	07	13	001	2.1L	CL1	3.0	13
Sprague	20LC8	SPL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	34/26	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
AMD/MMI	**C20L8Z**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	46/26	1.7	1.7	–	–	–	04	011A	06	13	001	–	–	1.7	13
Signetics	PLC20L8	PLA	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Samsung	20L8	CPL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	09D/726	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	20L8	CPL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	9D/26	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
AMD/MMI	**C20L8Z**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	046/726	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20L8Z**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	46/26	–	–	–	–	–	04	011B	03	14	006	–	–	–	–
Cypress	**20R4**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	28/65	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Samsung	20R4	CPL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	9D/27	3.0	3.0	–	–	1.0	04	011A	07	13	001	2.1L	CL1	3.0	13
Sprague	20RC4	SPL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R4Z**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	46/27	1.7	1.7	–	–	–	04	011A	06	13	001	–	–	1.7	13
Samsung	20R4	CPL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	09D/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	20R4	CPL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	9D/27	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
AMD/MMI	**C20R4Z**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	046/727	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R4Z**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	46/27	–	–	–	–	–	04	011B	03	14	006	–	–	–	–
Cypress	**20R6**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	28/66	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Samsung	20R6	CPL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	9D/27	3.0	3.0	–	–	1.0	04	011A	07	13	001	2.1L	CL1	3.0	13
Sprague	20RC6	SPL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R6Z**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	46/27	1.7	1.7	–	–	–	04	011A	06	13	001	–	–	1.7	13
Samsung	20R6	CPL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	09D/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	20R6	CPL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	9D/27	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
AMD/MMI	**C20R6Z**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	046/727	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R6Z**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	46/27	–	–	–	–	–	04	011B	03	14	006	–	–	–	–
Cypress	**20R8**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	28/27	–	–	–	–	–	04	011A	01	–	–	–	–	–	–
Samsung	20R8	CPL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	9D/27	3.0	3.0	–	–	1.0	04	011A	07	13	001	2.1L	CL1	3.0	13
Sprague	20RC8	SPL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R8Z**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	46/27	1.7	1.7	–	–	–	04	011A	06	13	001	–	–	1.7	13
Samsung	**20R8**	CPL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	09D/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Samsung	20R8	CPL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	9D/27	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
AMD/MMI	**C20R8Z**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	046/727	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C20R8Z**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	46/27	–	–	–	–	–	04	011B	03	14	006	–	–	–	–
Signetics	PLC16V8	FPLA	DIP	20	P16SV8	4.0	3.1	3.2	1.0	2.0	86/3B	2.1	2.1	–	–	1.0	04	011A	05	–	–	–	–	2.1	–
Signetics	PLC16V8	FPLA	PLCC	20	P16SV8	4.0	3.1	3.2	1.0	2.0	086/73B	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC16V8	FPLA	PLCC	20	P16SV8	4.0	3.1	3.2	1.0	2.0	86/3B	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
Signetics	PLC16V8Z	EPLD	DIP	20	P16SV8	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLC16V8Z	EPLD	PLCC	20	P16SV8	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**18G8**	PAL	DIP	20	P18G8	4.0	4.0	–	–	–	BB/0F	3.1	3.1	–	–	–	04	011A	13	–	–	–	–	–	–
Cypress	**18G8**	PAL	LCC	20	P18G8	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**18G8**	PAL	PLCC	20	P18G8	4.0	4.0	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C18U8**	PAL	DIP	20	P18U8	4.0	3.1	3.2	1.0	–	DB/2E	2.4	2.4	–	–	1.0	04	011A	04	14.1	001	–	–	2.4	14.1
AMD/MMI	**C18U8**	PAL	PLCC	20	P18U8	4.0	3.1	3.2	1.0	–	0DB/72E	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**C18U8**	PAL	PLCC	20	P18U8	4.0	3.1	3.2	1.0	–	DB/2E	–	–	–	–	–	04	011B	04	14.1	006	–	–	–	–
Signetics	PLC18V8Z	EPLD	DIP	20	P18V8Z	4.0	3.2	3.2	–	2.0	86/4F	2.6	2.6	–	–	1.0	04	011A	09	15	001	–	–	2.6	15
Signetics	PLC18V8Z	EPLD	PLCC	20	P18V8Z	4.0	3.2	3.2	–	2.0	086/74F	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC18V8Z	EPLD	PLCC	20	P18V8Z	4.0	3.2	3.2	–	2.0	86/4F	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Altera	300	EPLD	DIP	20	E0310	4.0	2.0	3.2	1.0	2.0	26/50	1.7	1.7	–	–	1.1	04	011A	02	08	001	2.1L	CL1	–	08
Altera	310	EPLD	DIP	20	E0310	4.0	2.0	3.2	1.0	2.0	44/50	1.7	1.7	–	–	1.1	04	011A	02	13	001	2.1L	CL1	–	–
Intel	5C031	EPLD	DIP	20	E0310	4.0	2.0	3.2	1.0	2.0	55/50	1.7	1.7	–	–	1.0	04	011A	01	10	001	2.1L	CL1	1.7	–
Altera	320	EPLD	DIP	20	E0320	4.0	1.0	–	1.0	2.0	44/95	1.1	1.1	–	–	1.0	04	011A	02	13	001	2.1L	CL1	–	12
Altera	**330**	EPLD	DIP	20	E0320	4.0	1.0	–	1.0	2.0	6B/95	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
TI	**330**	EPLD	DIP	20	E0320	4.0	1.0	–	1.0	2.0	2E/95	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**330**	EPLD	JLCC	20	E0320	4.0	1.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	**330**	EPLD	PLCC	20	E0320	4.0	1.0	–	1.0	2.0	06B/795	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
TI	**330**	EPLD	PLCC	20	E0320	4.0	1.0	–	1.0	2.0	02E/795	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	**330**	EPLD	SO	20	E0320	4.0	1.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5C032	EPLD	DIP	20	E0320	4.0	1.0	–	1.0	2.0	55/95	1.2	1.2	–	–	1.0	04	011A	02	10	001	2.1L	CL1	1.2	12
Intel	85C220	EPLD	DIP	20	E0320	4.0	1.0	–	1.0	2.0	55/95	2.8	2.8	–	–	1.1	04	011A	10	–	–	–	–	2.8	–
Intel	85C220	EPLD	PLCC	20	E0320	4.0	1.0	–	1.0	2.0	055/795	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Intel	85C220	EPLD	PLCC	20	E0320	4.0	1.0	–	1.0	2.0	55/95	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
Signetics	PLC20V8	FPLA	DIP	24	P20SV8	4.0	3.1	3.2	1.0	2.0	86/4E	2.1	2.1	–	–	1.0	04	011A	06	–	–	–	–	2.1	–
Signetics	PLC20V8	FPLA	PLCC	28	P20SV8	4.0	3.1	3.2	1.0	2.0	086/74E	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC20V8	FPLA	PLCC	28	P20SV8	4.0	3.1	3.2	1.0	2.0	86/4E	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
Intel	85C224	MPLD	DIP	24	E224	4.0	4.0	–	–	–	179/0DC	3.1	3.1	–	–	1.2	–	–	–	–	–	–	–	–	–
Intel	85C224	MPLD	DIP	24	E224	4.0	4.0	–	–	–	79/DC	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
Intel	85C224	MPLD	PLCC	28	E224C	4.0	4.0	–	–	–	179/7DC	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
Intel	85C224	MPLD	PLCC	28	E224C	4.0	4.0	–	–	–	79/DC	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Cypress	**20RA10**	PAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	BB/45	3.3	3.3	–	–	1.3	04	011A	13	–	–	–	–	–	–
AMD/MMI	**C20RA10Z**	PAL	PLCC	28	P20RA10	4.0	2.0	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20RA10**	PAL	LCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20RA10**	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	0BB/745	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Cypress	**20RA10**	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	BB/45	–	–	–	–	–	04	–	–	–	–	–	–	–	–



ABEL Design Software



2900 Programming System

212 Multi Programmer

CMOS PLDs

C O N T I N U E D

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Cypress	**20G10**	PAL	DIP	24	P20G10	4.0	2.1	3.2	1.0	1.0	28/56	3.0	3.0	–	–	1.0	04	011A	11	14	001	2.1L	CL1	–	14
Cypress	**20G10B**	PAL	DIP	24	P20G10	4.0	2.1	3.2	1.0	1.0	BB/56	3.0	3.0	–	–	1.0	04	011A	11	16	001	–	–	–	16
Cypress	**20G10C**	PAL	DIP	24	P20G10	4.0	2.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20G10-FN**	PAL	PLCC	28	P20G10C	4.0	3.1	–	–	2.0	028/756	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Cypress	**20G10-FN**	PAL	PLCC	28	P20G10C	4.0	3.1	–	–	2.0	28/56	–	–	–	–	–	04	011B	05	15	007	–	–	–	–
Cypress	**20G10-NL**	PAL	PLCC	28	P20G10C	4.0	3.1	–	–	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**20G10B**	PAL	PLCC	28	P20G10C	4.0	3.1	–	–	2.0	BB/56	–	–	–	–	–	–	–	–	16	006	–	–	–	–
Cypress	**20G10B**	PAL	PLCC	28	P20G10C	4.0	3.1	–	–	2.0	BB/756	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Ricoh	204	EPLD	DIP	20	E204	4.0	3.2	–	–	–	39/6F	2.6	2.6	–	–	1.0	–	–	–	–	–	–	–	2.6	–
AMD/MMI	29CPL142	FPC	DIP	28	–	–	–	–	–	–	94/7D	2.6	2.6	–	–	1.0	04	011A	10	–	–	–	–	2.6	–
AMD/MMI	29CPL152	FPC	DIP	28	–	–	–	–	–	–	94/7D	2.6	2.6	–	–	1.0	04	011A	10	–	–	–	–	2.6	–
PLX	448	RPLD	DIP	24	P448	4.0	3.0	–	–	–	12/2F	2.4	2.4	–	–	1.0	04	PLX	–	–	–	–	–	2.4	–
Waferscale	448	Samsung	DIP	28	P448	4.0	3.0	–	–	–	F7/2F	2.6	2.6	–	–	1.3	–	–	–	–	–	–	–	2.6	–
PLX	448	RPLD	JLCC	28	P448C	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waferscale	448	Samsung	JLCC	28	P448C	4.0	3.2	–	–	–	0F7/72F	–	–	2.6	3.0	1.3	–	–	–	–	–	–	–	–	–
Waferscale	448	Samsung	PLCC	28	P448C	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PLX	464	RPLD	DIP	24	P464	4.0	3.2	–	–	–	12/2F	2.7	2.7	–	–	1.0	–	–	–	–	–	–	–	2.7	–
PLX	464	RPLD	JLCC	28	P464C	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLC415	FPLA	DIP	28	F415	4.0	3.2	–	–	–	86/AA	2.6	2.6	–	–	1.0	04	011A	10	–	–	–	–	2.6	–
Signetics	PLC415	FPLA	PLCC	28	F415	4.0	3.2	–	–	–	086/7AA	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLC415	FPLA	PLCC	28	F415	4.0	3.2	–	–	–	86/AA	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
Atmel	22V10	EPLD	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	65/28	3.1	3.1	–	–	1.2	04	011A	13	11	001	2.1L	CL1	3.0	12
Cypress	**22V10**	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	28/28	3.0	3.0	–	–	1.0	04	011A	11	14	001	2.1L	CL1	–	14
Atmel	22V10	EPLD	FP	24	P22V10	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**22V10**	PAL	LCC	28	P22V10	4.0	1.0	3.2	1.0	1.2	028/728	–	–	3.0	3.0	1.2	–	–	–	–	–	–	–	–	–
Cypress	**22V10B**	EPLD	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	BB/28	3.0	3.0	–	–	1.0	04	011A	11	15	001	–	–	–	15
Cypress	**22V10C**	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	4F/28	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–
Cypress	**22V10C**	PAL	LCC	28	P22V10	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C22V10**	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	DB/28	2.3	2.3	–	–	1.0	04	011A	09	10	001	2.1L	CL1	2.3	10
TI	C22V10T	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	42/29	3.0	3.0	–	–	1.0	04	011A	12	15	001	–	–	3.0	15
TI	C22V10ZP	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	042/928	–	–	–	–	–	–	–	–	–	–	2.1L	CL1	–	–
TI	C22V10ZP	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	42/28	3.0	3.0	–	–	–	04	011A	12	15	001	–	–	3.0	15
TI	C22V10ZP	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	42/48	–	–	–	–	1.0	–	–	–	–	–	–	–	–	–
Atmel	22V10	EPLD	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	065/728	–	–	3.1	3.0	1.1	–	–	–	–	–	–	–	–	–
Atmel	22V10	EPLD	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	65/28	–	–	–	–	–	04	–	–	14	006	–	–	–	–
Cypress	**22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	028/728	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Cypress	**22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	28/28	–	–	–	–	–	04	011B	05	12	006	–	–	–	–
Cypress	**22V10B**	EPLD	JLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	0BB/728	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Cypress	**22V10B**	EPLD	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	0BB/728	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Cypress	**22V10C**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	04F/728	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**C22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	0DB/728	–	–	3.2	3.2	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**C22V10**	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	DB/28	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
TI	C22V10T	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	042/729	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	C22V10T	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	42/29	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	C22V10ZP	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	042/728	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	C22V10ZP	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	42/28	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
Cypress	**22VP10C**	PAL	DIP	24	P22VP10	4.0	3.0	3.2	1.0	2.0	4F/98	3.2	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–
Cypress	**22VP10C**	PAL	LCC	28	P22VP10	4.0	3.0	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	**22VP10C**	PAL	PLCC	28	P22VP10	4.0	3.0	3.2	1.0	2.0	04F/798	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Intel	5C060	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	55/59	2.7	2.7	–	–	1.0	04	011A	01	10	001	–	–	2.7	10
Intel	5C060	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	055/759	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Intel	5C060	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	55/59	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
Altera	600	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	26/59	2.7	2.7	–	–	1.0	04	011A	02	13	001	–	–	–	08
Altera	600	EPLD	JLCC	28	E0600	4.0	2.0	–	1.0	2.0	026/759	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	600	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	026/759	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Altera	600	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	26/59	–	–	–	–	–	04	011B	02	13	007	–	–	–	–
TI	610	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	26/59	2.7	2.7	–	–	1.0	04	011A	11	–	–	–	–	2.7	–
TI	610	EPLD	JLCC	28	E0600	4.0	2.0	–	1.0	2.0	026/759	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–
TI	610	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	026/759	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Altera	**610**	EPLD	SO	24	E0600	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	**610-15/20**	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	6B/59	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**610-25/30/35/40**	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	226/059	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**610-25/30/35/40**	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	26/59	–	–	–	–	–	04	011A	06	–	–	–	–	–	–
Altera	**610-25/30/35/40**	EPLD	JLCC	28	E0600	4.0	2.0	–	1.0	2.0	226/759	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	**610-25/30/35/40**	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	226/759	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	**610T**	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	226/0DD	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**630**	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	6B/59	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
TI	630	EPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	2E/59	3.3	3.3	–	–	1.4	–	–	–	16	001	–	–	–	16
Altera	**630**	EPLD	JLCC	28	E0600	4.0	2.0	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	**630**	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	06B/759	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
TI	630	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	02E/759	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
TI	630	EPLD	PLCC	28	E0600	4.0	2.0	–	1.0	2.0	2E/59	–	–	–	–	–	–	–	–	16	006	–	–	–	–
Intel	85C060	MPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	55/59	–	–	–	–	–	–	–	–	16	001	–	–	–	16
Intel	85C060	MPLD	DIP	24	E0600	4.0	2.0	–	1.0	2.0	67/59	3.2	3.2	–	–	–	04	011A	14	–	–	–	–	–	–
Intel	85C060	MPLD	PLCC	28	E0600C	–	–	–	–	–	067/759	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Intel	85C060	MPLD	PLCC	28	E0600C	–	–	–	–	–	67/59	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Ricoh	241	EPLD	DIP	24	P241	4.0	3.1	–	–	–	39/5A	2.4	2.4	–	–	1.0	04	011A	09	14	001	–	–	2.4	14
Ricoh	241	EPLD	PLCC	28	P241	4.0	3.1	–	–	–	039/75A	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Ricoh	241	EPLD	PLCC	28	P241	4.0	3.1	–	–	–	39/5A	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
Ricoh	241	EPLD	SO	24	P241	4.0	3.1	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	512	EPLD	DIP	24	E5AC312	4.0	3.1	–	–	–	55/3F	2.8	2.8	–	–	1.0	–	–	–	–	–	–	–	–	–
Altera	512	EPLD	JLCC	28	E5AC312	4.0	3.1	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	512	EPLD	PLCC	28	E5AC312	4.0	3.1	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5AC312	EPLD	DIP	24	E5AC312	4.0	3.1	–	–	–	55/3F	2.2	2.2	–	–	1.0	04	011A	07	–	–	–	–	2.2	–
Intel	5AC312	EPLD	PLCC	28	E5AC312	4.0	3.1	–	–	–	055/73F	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Intel	5AC312	EPLD	PLCC	28	E5AC312	4.0	3.1	–	–	–	55/3F	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Altera	1200	EPLD	DIP	40	E1210	4.0	3.0	–	1.0	–	26/97	1.0	1.0	–	–	1.0	04	010	03	–	–	–	–	–	–
Altera	1200	EPLD	PLCC	44	E1210	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1210	EPLD	DIP	40	E1210	4.0	3.0	–	1.0	–	44/97	1.0	1.0	–	–	1.0	04	010	03	–	–	–	–	–	–
Altera	1210	EPLD	JLCC	44	E1210	4.0	3.0	–	1.0	–	044/797	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	1210	EPLD	PLCC	44	E1210	4.0	3.0	–	1.0	–	044/797	–	–	1.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Altera	1210	EPLD	PLCC	44	E1210	4.0	3.0	–	1.0	–	44/97	–	–	–	–	–	04	010	03	–	–	–	–	–	–
Intel	5C121	EPLD	DIP	40	E1210	4.0	3.0	–	1.0	–	55/97	1.0	1.0	–	–	1.0	04	010	03	–	–	–	–	1.0	–
Intel	5C090	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	55/96	2.7	2.7	–	–	1.0	04	010	03	–	–	–	–	2.7	–
Intel	85C090	MPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	67/96	3.2	3.2	–	–	–	–	–	–	–	–	–	–	–	–
Altera	900	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	26/96	2.7	2.7	–	–	1.0	04	010	03	–	–	–	–	–	–
Altera	**910**	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	226/096	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**910**	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	26/96	–	–	–	–	–	04	010	03	–	–	–	–	–	–
TI	910	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	26/96	2.7	2.7	–	–	1.0	04	010	03	–	–	–	–	–	–
Altera	**910A**	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	326/0DE	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
Altera	**910T**	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	226/0DE	3.3	3.3	–	–	1.4	–	–	–	–	–	–	–	–	–
TI	930	EPLD	DIP	40	E0900	4.0	2.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5C090	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	055/796	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Intel	85C090	MPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	067/796	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Altera	900	EPLD	JLCC	44	E0900C	4.0	3.1	–	1.0	2.0	026/796	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	900	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	026/796	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Altera	900	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	26/96	–	–	–	–	–	04	010	03	–	–	–	–	–	–
Altera	**910**	EPLD	JLCC	44	E0900C	4.0	3.1	–	1.0	2.0	226/796	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
TI	910	EPLD	JLCC	44	E0900C	4.0	3.1	–	1.0	2.0	026/796	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–
Altera	**910**	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	226/796	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	**910**	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	26/96	–	–	–	–	–	04	010	03	–	–	–	–	–	–
TI	910	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	026/796	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	910	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	26/96	–	–	–	–	–	04	010	03	–	–	–	–	–	–
Altera	**910A**	EPLD	JLCC	44	E0900C	4.0	3.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	**910A**	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	326/7DE	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
Altera	**910T**	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	226/7DE	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
TI	930	EPLD	PLCC	44	E0900C	4.0	3.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	29CPL144	FPC	DIP	28	–	–	–	–	–	–	94/7E	2.4	2.4	–	–	1.0	04	011A	08	–	–	–	–	2.4	–
AMD/MMI	29CPL154/4	FPC	DIP	28	–	–	–	–	–	–	94/7E	2.4	2.4	–	–	1.0	04	011A	08	–	–	–	–	2.4	–
Altera	1400	EPB	DIP	40	–	–	–	–	–	–	26/5D	V2.3	V2.3	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1400	EPB	JLCC	44	–	–	–	–	–	–	026/75D	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
Hyundai	1800	EPLD	DIP	40	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1800	EPLD	JLCC	68	E1800	4.0	3.0	–	1.0	–	26/9A	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Altera	1800	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	26/9A	–	–	2.7	3.0	–	–	–	–	–	–	–	–	–	–
TI	1810	EPLD	DIP	64	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	1810	EPLD	JLCC	68	E1800	4.0	3.0	–	1.0	–	026/79A	–	–	3.2	3.2	–	–	–	–	–	–	–	–	–	–
Altera	**1810**	EPLD	PGA	68	E1800	4.0	3.0	–	1.0	–	026/99A	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
TI	1810	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	26/9A	–	–	2.7	3.0	–	–	–	–	–	–	–	–	–	–
Altera	**1810-20/25**	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	6B/9A	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Altera	**1810-35/40/45**	EPLD	JLCC	68	E1800	4.0	3.0	–	1.0	–	226/09A	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Altera	**1810-35/40/45**	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	226/09A	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Altera	**1810T**	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	226/0DF	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
TI	1830	EPLD	DIP	64	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1830	EPLD	JLCC	68	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1830	EPLD	PGA	68	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Altera	1830	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	1830	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5C180	EPLD	JLCC	68	E1800	4.0	3.0	–	1.0	–	26/9A	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
Intel	5C180	EPLD	PGA	68	E1800	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5C180	EPLD	PLCC	68	E1800	4.0	3.0	–	1.0	–	55/9A	–	–	2.7	3.0	–	–	–	–	–	–	–	–	–	–
Altera	448	EPLD	DIP	28	–	–	–	–	–	–	26/2F	–	2.6	–	–	1.3	–	–	–	–	–	–	–	–	–
Altera	448	EPLD	JLCC	28	–	–	–	–	–	–	026/72F	–	–	2.6	3.0	1.3	–	–	–	–	–	–	–	–	–
Altera	448	EPS	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Intel	5AC324	EPLD	DIP	40	E5AC324	4.0	3.1	–	–	–	17C/0BA	–	3.2	–	–	1.3	–	–	–	–	–	–	–	–	–
Intel	5AC324	EPLD	PLCC	44	E5AC324	4.0	3.1	–	–	–	17C/7BA	–	–	–	3.3	–	–	–	–	–	–	–	–	–	–

BOLD TYPE denotes algorithm changes

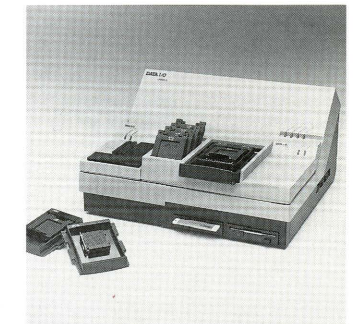
BIPOLAR PLDs

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

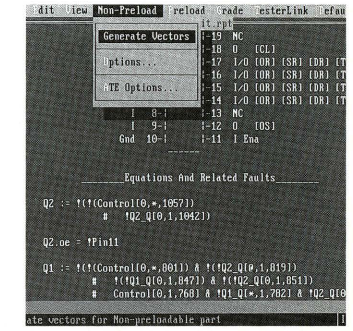
Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
TI	529	FPGA	DIP	20	F529	4.0	2.1	3.2	1.0	–	99/72	2.2	2.2	–	–	1.0	04	001	07	–	–	–	–	2.2	–
TI	529	FPGA	DIP	20	F529	4.0	2.1	3.2	1.0	–	99/72	2.2	2.2	–	–	1.0	04	011A	02	–	–	–	–	2.2	–
Signetics	PLS162	FPLA	DIP	24	F162	4.0	2.1	3.2	1.0	–	96/73	1.5	1.5	–	–	1.0	–	–	–	05	004	–	–	1.5	05
AMD/MMI	6L16A	PAL	DIP	24	P6L16	4.0	1.1	–	1.0	1.0	22/48	2.2	2.2	–	–	1.0	04	011A	01	05	001	–	–	2.2	05
AMD/MMI	6L16A	PAL	SO	24	P6L16	4.0	1.1	–	1.0	1.0	022/848	–	–	2.2	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	6L16A-NL	PAL	PLCC	28	P6L16	4.0	1.1	–	1.0	1.0	022/748	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	6L16A-NL	PAL	PLCC	28	P6L16	4.0	1.1	–	1.0	1.0	22/48	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	8L14A	PAL	DIP	24	P8L14	4.0	1.1	–	1.0	1.0	22/49	2.2	2.2	–	–	1.0	04	011A	01	05	001	–	–	2.2	05
AMD/MMI	8L14A	PAL	SO	24	P8L14	4.0	1.1	–	1.0	1.0	022/849	–	–	2.2	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	8L14A-FN	PAL	PLCC	28	P8L14	4.0	1.1	–	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	8L14A-NL	PAL	PLCC	28	P8L14	4.0	1.1	–	1.0	1.0	022/749	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	8L14A-NL	PAL	PLCC	28	P8L14	4.0	1.1	–	1.0	1.0	22/49	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
Signetics	PLS163	FPLA	DIP	24	F163	4.0	2.0	3.2	1.0	–	96/75	1.5	1.5	–	–	1.0	–	–	–	05	004	–	–	1.5	05
Signetics	PLS102	FPGA	DIP	28	F103	4.0	1.0	3.2	1.0	–	96/02	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS102	FPGA	DIP	28	F103	4.0	1.0	3.2	1.0	–	96/62	1.5	1.5	–	–	1.0	04	001	05	01	003	–	–	1.5	01
Signetics	PLS103	FPGA	DIP	28	F103	4.0	1.0	3.2	1.0	–	96/02	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS103	FPGA	DIP	28	F103	4.0	1.0	3.2	1.0	–	96/62	1.5	1.5	–	–	1.0	04	001	05	01	003	–	–	1.5	01
Signetics	PLS103	FPGA	PLCC	28	F103	4.0	1.0	3.2	1.0	–	096/762	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	18N8	BPAD	DIP	20	P18N8	4.0	3.0	3.2	1.0	2.0	A1/5E	2.3	2.3	–	–	1.0	04	011A	08	13	001	–	–	2.3	13
TI	18N8	BPAD	PLCC	20	P18N8	4.0	3.0	3.2	1.0	2.0	0A1/75E	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	18N8	BPAD	PLCC	20	P18N8	4.0	3.0	3.2	1.0	2.0	A1/5E	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
AMD/MMI	10H8/-2	PAL	DIP	20	P10H8	4.0	1.0	3.2	1.0	1.0	22/18	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	–	05
AMD/MMI	10H8/-2	PAL	PLCC	20	P10H8	4.0	1.0	3.2	1.0	1.0	022/718	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	10H8/-2	PAL	PLCC	20	P10H8	4.0	1.0	3.2	1.0	1.0	22/18	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	10H8/-2	PAL	SO	20	P10H8	4.0	1.0	3.2	1.0	1.0	022/818	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**10H8/A/A2**	PAL	DIP	20	P10H8	4.0	1.0	3.2	1.0	1.0	95/18	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**10H8/A2**	PAL	PLCC	20	P10H8	4.0	1.0	3.2	1.0	1.0	095/718	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**10H8/A2**	PAL	PLCC	20	P10H8	4.0	1.0	3.2	1.0	1.0	95/18	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	10L8/-2	PAL	DIP	20	P10L8	4.0	1.0	3.2	1.0	1.0	22/13	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	10L8/-2	PAL	PLCC	20	P10L8	4.0	1.0	3.2	1.0	1.0	022/713	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	10L8/-2	PAL	PLCC	20	P10L8	4.0	1.0	3.2	1.0	1.0	22/13	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	10L8/-2	PAL	SO	20	P10L8	4.0	1.0	3.2	1.0	1.0	022/813	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**10L8/A/A2**	PAL	DIP	20	P10L8	4.0	1.0	3.2	1.0	1.0	95/13	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**10L8/A2**	PAL	PLCC	20	P10L8	4.0	1.0	3.2	1.0	1.0	095/713	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**10L8/A2**	PAL	PLCC	20	P10L8	4.0	1.0	3.2	1.0	1.0	95/13	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	12H6/-2	PAL	DIP	20	P12H6	4.0	1.0	3.2	1.0	1.0	22/19	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	12H6/-2	PAL	PLCC	20	P12H6	4.0	1.0	3.2	1.0	1.0	022/719	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	12H6/-2	PAL	PLCC	20	P12H6	4.0	1.0	3.2	1.0	1.0	22/19	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	12H6/-2	PAL	SO	20	P12H6	4.0	1.0	3.2	1.0	1.0	022/819	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**12H6/A/A2**	PAL	DIP	20	P12H6	4.0	1.0	3.2	1.0	1.0	95/19	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**12H6/A2**	PAL	PLCC	20	P12H6	4.0	1.0	3.2	1.0	1.0	095/719	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**12H6/A2**	PAL	PLCC	20	P12H6	4.0	1.0	3.2	1.0	1.0	95/19	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	12L6/-2	PAL	DIP	20	P12L6	4.0	1.0	3.2	1.0	1.0	22/14	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	12L6/-2	PAL	PLCC	20	P12L6	4.0	1.0	3.2	1.0	1.0	022/714	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	12L6/-2	PAL	PLCC	20	P12L6	4.0	1.0	3.2	1.0	1.0	22/14	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	12L6/-2	PAL	SO	20	P12L6	4.0	1.0	3.2	1.0	1.0	022/814	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**12L6/A/A2**	PAL	DIP	20	P12L6	4.0	1.0	3.2	1.0	1.0	95/14	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**12L6/A2**	PAL	PLCC	20	P12L6	4.0	1.0	3.2	1.0	1.0	095/714	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**12L6/A2**	PAL	PLCC	20	P12L6	4.0	1.0	3.2	1.0	1.0	95/14	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	14H4/-2	PAL	DIP	20	P14H4	4.0	1.0	3.2	1.0	1.0	22/20	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	14H4/-2	PAL	PLCC	20	P14H4	4.0	1.0	3.2	1.0	1.0	022/720	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	14H4/-2	PAL	PLCC	20	P14H4	4.0	1.0	3.2	1.0	1.0	22/20	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	14H4/-2	PAL	SO	20	P14H4	4.0	1.0	3.2	1.0	1.0	022/820	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**14H4/A/A2**	PAL	DIP	20	P14H4	4.0	1.0	3.2	1.0	1.0	95/20	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**14H4/A2**	PAL	PLCC	20	P14H4	4.0	1.0	3.2	1.0	1.0	095/720	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**14H4/A2**	PAL	PLCC	20	P14H4	4.0	1.0	3.2	1.0	1.0	95/20	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	14L4/-2	PAL	DIP	20	P14L4	4.0	1.0	3.2	1.0	1.0	22/15	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	14L4/-2	PAL	PLCC	20	P14L4	4.0	1.0	3.2	1.0	1.0	022/715	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	14L4/-2	PAL	PLCC	20	P14L4	4.0	1.0	3.2	1.0	1.0	22/15	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	14L4/-2	PAL	SO	20	P14L4	4.0	1.0	3.2	1.0	1.0	022/815	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**14L4/A/A2**	PAL	DIP	20	P14L4	4.0	1.0	3.2	1.0	1.0	95/15	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**14L4/A2**	PAL	PLCC	20	P14L4	4.0	1.0	3.2	1.0	1.0	095/715	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**14L4/A2**	PAL	PLCC	20	P14L4	4.0	1.0	3.2	1.0	1.0	95/15	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	12L10	PAL	DIP	24	P12L10	4.0	1.0	3.2	1.0	1.0	22/01	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	12L10	PAL	SO	24	P12L10	4.0	1.0	3.2	1.0	1.0	022/801	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	12L10-FN	PAL	PLCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	12L10-ML	PAL	LCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	022/901	–	–	2.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	12L10-NL	PAL	PLCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	022/701	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	12L10-NL	PAL	PLCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	22/01	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
National	**12L10/A**	PAL	DIP	24	P12L10	4.0	1.0	3.2	1.0	1.0	95/01	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**12L10/A-V**	PAL	PLCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	95/01	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**12L10/A-XV**	PAL	PLCC	28	P12L10	4.0	1.0	3.2	1.0	1.0	95/01	–	–	–	–	–	–	–	–	15	007	–	–	–	–
AMD/MMI	16C1/-2	PAL	DIP	20	P16C1	4.0	1.1	3.2	1.0	1.0	22/21	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16C1/-2	PAL	PLCC	20	P16C1	4.0	1.1	3.2	1.0	1.0	022/721	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16C1/-2	PAL	PLCC	20	P16C1	4.0	1.1	3.2	1.0	1.0	22/21	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16C1/-2	PAL	SO	20	P16C1	4.0	1.1	3.2	1.0	1.0	022/821	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16C1/A/A2**	PAL	DIP	20	P16C1	4.0	1.1	3.2	1.0	1.0	95/21	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16C1/A2**	PAL	PLCC	20	P16C1	4.0	1.1	3.2	1.0	1.0	095/721	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16C1/A2**	PAL	PLCC	20	P16C1	4.0	1.1	3.2	1.0	1.0	95/21	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16H2/-2	PAL	DIP	20	P16H2	4.0	1.0	3.2	1.0	1.0	22/22	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16H2/-2	PAL	PLCC	20	P16H2	4.0	1.0	3.2	1.0	1.0	022/722	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16H2/-2	PAL	PLCC	20	P16H2	4.0	1.0	3.2	1.0	1.0	22/22	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16H2/-2	PAL	SO	20	P16H2	4.0	1.0	3.2	1.0	1.0	022/822	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16H2/A/A2**	PAL	DIP	20	P16H2	4.0	1.0	3.2	1.0	1.0	95/22	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16H2/A2**	PAL	PLCC	20	P16H2	4.0	1.0	3.2	1.0	1.0	095/722	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16H2/A2**	PAL	PLCC	20	P16H2	4.0	1.0	3.2	1.0	1.0	95/22	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	16L2/-2	PAL	DIP	20	P16L2	4.0	1.0	3.2	1.0	1.0	22/16	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16L2/-2	PAL	PLCC	20	P16L2	4.0	1.0	3.2	1.0	1.0	022/716	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L2/-2	PAL	PLCC	20	P16L2	4.0	1.0	3.2	1.0	1.0	22/16	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16L2/-2	PAL	SO	20	P16L2	4.0	1.0	3.2	1.0	1.0	022/816	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16L2/A/A2**	PAL	DIP	20	P16L2	4.0	1.0	3.2	1.0	1.0	95/16	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16L2/A2**	PAL	PLCC	20	P16L2	4.0	1.0	3.2	1.0	1.0	095/716	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16L2/A2**	PAL	PLCC	20	P16L2	4.0	1.0	3.2	1.0	1.0	95/16	–	–	–	–	–	–	–	–	15	006	–	–	–	–
TI	16N8	BPAD	DIP	20	P16N8	4.0	3.0	3.2	1.0	1.0	A1/0A	2.1	2.1	–	–	1.0	04	011A	05	11	001	–	–	2.1	12
TI	16N8	BPAD	PLCC	20	P16N8	4.0	3.0	3.2	1.0	1.0	0A1/70A	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
TI	16N8	BPAD	PLCC	20	P16N8	4.0	3.0	3.2	1.0	1.0	A1/0A	–	–	–	–	–	04	011B	03	13	006	–	–	–	–
Signetics	PHD16N8	FPLA	DIP	20	P16N8	4.0	3.0	3.2	1.0	1.0	1B/8F	3.0	3.0	–	–	–	04	011A	11.1	15	001	–	–	3.0	15
Signetics	PHD16N8	FPLA	PLCC	20	P16N8	4.0	3.0	3.2	1.0	1.0	01B/78F	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
Signetics	PHD16N8	FPLA	PLCC	20	P16N8	4.0	3.0	3.2	1.0	1.0	1B/8F	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
AMD/MMI	14L8	PAL	DIP	24	P14L8	4.0	1.0	3.2	1.0	1.0	22/02	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	14L8	PAL	SO	24	P14L8	4.0	1.0	3.2	1.0	1.0	022/802	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	14L8-FN	PAL	PLCC	28	P14L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	14L8-NL	PAL	PLCC	28	P14L8	4.0	1.0	3.2	1.0	1.0	022/702	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	14L8-NL	PAL	PLCC	28	P14L8	4.0	1.0	3.2	1.0	1.0	22/02	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
National	**14L8/A**	PAL	DIP	24	P14L8	4.0	1.0	3.2	1.0	1.0	95/02	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**14L8/A-V**	PAL	PLCC	28	P14L8	4.0	1.0	3.2	1.0	1.0	95/02	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**14L8/A-XV**	PAL	PLCC	28	P14L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLS150	FPGA	DIP	20	F151	4.0	2.1	–	1.0	–	96/64	–	–	–	–	–	04	001	06	–	–	–	–	–	–
Signetics	PLS150	FPGA	DIP	20	F151	4.0	2.1	–	1.0	–	96/64	–	–	–	–	–	04	011A	02	–	–	–	–	–	–
Signetics	PLS151	FPGA	DIP	20	F151	4.0	2.1	–	1.0	–	96/64	2.8	2.8	–	–	1.0	04	001	06	–	–	–	–	2.8	–
Signetics	PLS151	FPGA	DIP	20	F151	4.0	2.1	–	1.0	–	96/64	2.8	2.8	–	–	1.0	04	011A	02	–	–	–	–	2.8	–
Signetics	PLS151	FPGA	PLCC	20	F151	4.0	2.1	–	1.0	–	096/764	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS151	FPGA	PLCC	20	F151	4.0	2.1	–	1.0	–	96/64	–	–	–	–	–	04	011B	02	–	–	–	–	–	–
AMD/MMI	2971	PEG	DIP	24	–	–	–	–	–	–	97/78	1.5	1.5	–	–	–	–	–	–	–	–	–	–	1.5	–
AMD/MMI	16L6	PAL	DIP	24	P16L6	4.0	1.0	3.2	1.0	1.0	22/03	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16L6	PAL	SO	20	P16L6	4.0	1.0	3.2	1.0	1.0	022/803	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16L6-NL	PAL	PLCC	28	P16L6	4.0	1.0	3.2	1.0	1.0	022/703	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L6-NL	PAL	PLCC	28	P16L6	4.0	1.0	3.2	1.0	1.0	22/03	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
National	**16L6/A**	PAL	DIP	24	P16L6	4.0	1.0	3.2	1.0	1.0	95/03	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16L6/A-V**	PAL	PLCC	28	P16L6	4.0	1.0	3.2	1.0	1.0	95/03	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**16L6/A-XV**	PAL	PLCC	28	P16L6	4.0	1.0	3.2	1.0	1.0	95/03	–	–	–	–	–	–	–	–	15	007	–	–	–	–
AMD/MMI	20C1	PAL	DIP	24	P20C1	4.0	1.0	3.2	1.0	1.0	22/12	2.1	2.1	–	–	1.0	04	011A	01	05	001	–	–	2.1	05
National	**20C1**	PAL	DIP	24	P20C1	4.0	1.0	3.2	1.0	1.0	95/12	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20C1	PAL	SO	24	P20C1	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20C1-FN	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20C1-NL	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	022/712	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20C1-NL	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	22/12	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
National	**20C1-V**	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	95/12	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**20C1-XV**	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	095/712	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20C1-XV**	PAL	PLCC	28	P20C1	4.0	1.0	3.2	1.0	1.0	95/12	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20L2	PAL	DIP	24	P20L2	4.0	1.0	3.2	1.0	1.0	22/05	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20L2	PAL	SO	24	P20L2	4.0	1.0	3.2	1.0	1.0	022/805	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L2-FN	PAL	PLCC	28	P20L2	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L2-NL	PAL	PLCC	28	P20L2	4.0	1.0	3.2	1.0	1.0	022/705	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L2-NL	PAL	PLCC	28	P20L2	4.0	1.0	3.2	1.0	1.0	22/05	–	–	–	–	–	04	011B	01	–	–	–	–	–	–
National	**20L2/A**	PAL	DIP	24	P20L2	4.0	1.0	3.2	1.0	1.0	95/05	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**20L2/A-V**	PAL	PLCC	28	P20L2	4.0	1.0	3.2	1.0	1.0	95/05	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**20L2/A-XV**	PAL	PLCC	28	P20L2	4.0	1.0	3.2	1.0	1.0	95/05	–	–	–	–	–	–	–	–	15	007	–	–	–	–
Ricoh	10P8A	EPLD	DIP	20	E10P8	4.0	2.0	–	1.0	2.0	38/51	1.0	1.0	–	–	1.0	04	011A	01	05	001	–	–	1.0	05
Ricoh	10P8B	EPLD	DIP	20	E10P8	4.0	2.0	–	1.0	2.0	39/51	1.0	1.0	–	–	1.0	04	011A	01	12	001	2.1L	CL1	1.0	12
Ricoh	10P8B	EPLD	SO	20	E10P8	4.0	2.0	–	1.0	2.0	039/851	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	18L4	PAL	DIP	24	P18L4	4.0	1.0	3.2	1.0	1.0	22/04	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	18L4	PAL	SO	24	P18L4	4.0	1.0	3.2	1.0	1.0	022/804	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	18L4-FN	PAL	PLCC	28	P18L4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	18L4-NL	PAL	PLCC	28	P18L4	4.0	1.0	3.2	1.0	1.0	022/704	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	18L4-NL	PAL	PLCC	28	P18L4	4.0	1.0	3.2	1.0	1.0	22/04	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
National	**18L4/A**	PAL	DIP	24	P18L4	4.0	1.0	3.2	1.0	1.0	95/04	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**18L4/A-V**	PAL	PLCC	28	P18L4	4.0	1.0	3.2	1.0	1.0	95/04	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**18L4/A-XV**	PAL	PLCC	28	P18L4	4.0	1.0	3.2	1.0	1.0	95/04	–	–	–	–	–	–	–	–	15	007	–	–	–	–
Ricoh	12P6A	EPLD	DIP	20	E12P6	4.0	2.0	–	1.0	2.0	38/52	1.0	1.0	–	–	1.0	04	011A	01	05	001	–	–	1.0	05
Ricoh	12P6B	EPLD	DIP	20	E12P6	4.0	2.0	–	1.0	2.0	39/52	1.0	1.0	–	–	1.0	04	011A	01	12	001	2.1L	CL1	1.0	12
Ricoh	14P4A	EPLD	DIP	20	E14P4	4.0	2.0	–	1.0	2.0	38/53	1.0	1.0	–	–	1.0	04	011A	01	05	001	–	–	1.0	05
Ricoh	14P4B	EPLD	DIP	20	E14P4	4.0	2.0	–	1.0	2.0	39/53	1.0	1.0	–	–	1.0	04	011A	01	12	001	2.1L	CL1	1.0	12
Ricoh	16P2A	EPLD	DIP	20	E16P2	4.0	2.0	–	1.0	2.0	38/54	1.0	1.0	–	–	1.0	04	011A	01	05	001	–	–	1.0	05
Ricoh	16P2B	EPLD	DIP	20	E16P2	4.0	2.0	–	1.0	2.0	39/54	1.0	1.0	–	–	1.0	04	011A	01	12	001	2.1L	CL1	1.0	12
TI	839	FPLA	DIP	24	F839	4.0	1.1	3.2	1.0	–	99/70	1.3	1.3	–	–	1.0	04	001	05	01	002	–	–	1.3	01
TI	839	FPLA	DIP	24	F839	4.0	1.1	3.2	1.0	–	99/70	1.3	1.3	–	–	1.0	04	011A	14	01	002	–	–	1.3	01
TI	839	FPLA	PLCC	28	F839	4.0	1.1	3.2	1.0	–	099/770	–	–	1.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	839	FPLA	PLCC	28	F839	4.0	1.1	3.2	1.0	–	99/70	–	–	–	–	–	04	–	–	–	–	–	–	–	–
TI	840	FPLA	DIP	24	F839	4.0	1.1	3.2	1.0	–	99/70	1.3	1.3	–	–	1.0	04	001	05	01	002	–	–	1.3	01
TI	840	FPLA	DIP	24	F839	4.0	1.1	3.2	1.0	–	99/70	1.3	1.3	–	–	1.0	04	011A	14	01	002	–	–	1.3	01
TI	840	FPLA	PLCC	28	F839	4.0	1.1	3.2	1.0	–	099/770	–	–	1.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	840	FPLA	PLCC	28	F839	4.0	1.1	3.2	1.0	–	99/70	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Signetics	CK2605	FPLA	DIP	20	F2605	4.0	2.0	3.2	1.0	–	96/71	2.8	2.8	–	–	1.0	04	001	06	05	002	–	–	2.8	05
Signetics	CK2605	FPLA	DIP	20	F2605	4.0	2.0	3.2	1.0	–	96/71	2.8	2.8	–	–	1.0	04	011A	02	05	002	–	–	2.8	05
AMD/MMI	10H20G8	PAL	DIP	24	EC20G8M	4.0	3.0	3.2	1.0	–	22/42	2.4	2.4	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	10H20G8	PAL	PLCC	28	EC20G8M	4.0	3.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	10H20P8	PAL	DIP	24	EC20P8M	4.0	2.1	3.2	1.0	–	22/42	2.4	2.4	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	10H20P8	PAL	PLCC	28	EC20P8M	4.0	2.1	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	CK2678	FPLA	DIP	20	F2678	4.0	3.1	3.2	1.0	–	96/72	–	–	–	–	–	–	–	–	12	002	–	–	–	–
Signetics	PLHS473	FPLA	DIP	24	F473	4.0	2.1	–	1.0	–	1A/78	2.2	2.2	–	–	1.1	04	012	02	–	–	–	–	–	–
Signetics	PLHS473	FPLA	PLCC	28	F473	4.0	2.1	–	1.0	–	01A/778	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	10H16TE6	EPAL	DIP	24	EC16TE6	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLS161	FPLA	DIP	24	F161	4.0	1.0	3.2	1.0	–	96/69	2.5	2.5	–	–	1.0	04	001	05	01	002	–	–	2.5	01
Signetics	PLS161	FPLA	DIP	24	F161	4.0	1.0	3.2	1.0	–	96/69	2.5	2.5	–	–	1.0	04	011A	02	01	002	–	–	2.5	01
AMD/MMI	20L10	AmPAL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	97/06	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
TI	**20L10**	BPAL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	99/06	3.0	3.0	–	–	1.0	04	011A	08	08	001	–	–	3.0	08
AMD/MMI	20L10	AmPAL	LCC	28	P20L10	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L10/A	PAL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	22/06	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20L10/A**	PAL	DIP	24	P20L10	4.0	1.0	3.2	1.0	1.0	95/06	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20L10/A	PAL	SO	24	P20L10	4.0	1.0	3.2	1.0	1.0	022/806	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L10/A-FN	PAL	PLCC	28	P20L10	4.0	1.0	3.2	1.0	1.0	022/606	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L10/A-FN	PAL	PLCC	28	P20L10	4.0	1.0	3.2	1.0	1.0	22/06	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
AMD/MMI	20L10	AmPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	097/706	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L10	AmPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	97/06	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
TI	**20L10-FN**	BPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	099/706	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20L10-FN**	BPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	99/06	–	–	–	–	–	04	011B	04	12	006	–	–	–	–
AMD/MMI	20L10-ML	PAL	LCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	022/906	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–
TI	**20L10-NL**	BPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	099/606	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20L10-NL**	BPAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	99/06	–	–	–	–	–	04	011B	04	12	007	–	–	–	–

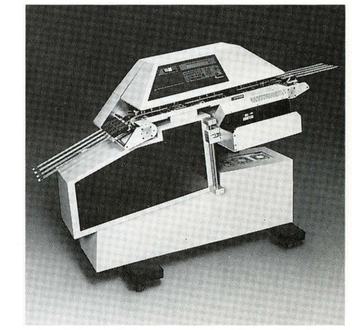
BOLD TYPE denotes algorithm changes



UniSite Universal Programmer



PLDtest Plus Software



Quality Automation Autolaser 7000

BIPOLAR PLDs

C O N T I N U E D

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
AMD/MMI	20L10/A-NL	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	022/706	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L10/A-NL	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	22/06	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20L10/A-XV**	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	095/706	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L10/A-XV**	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	95/06	–	–	–	–	–	04	–	–	15	007	–	–	–	–
National	**20L10A-V**	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	095/606	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L10A-V**	PAL	PLCC	28	P20L10C	4.0	3.1	3.2	1.0	2.0	95/06	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	20X10	PAL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	22/23	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X10**	PAL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	95/23	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	**20X10**	BPAL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	99/23	3.0	3.0	–	–	1.0	04	011A	08	08	001	–	–	3.0	08
AMD/MMI	20X10	PAL	SO	24	P20X10	4.0	1.1	3.2	1.0	1.0	022/823	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10A	PAL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	22/36	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X10A**	PAL	DIP	24	P20X10	4.0	1.1	3.2	1.0	1.0	95/36	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20X10A	PAL	SO	24	P20X10	4.0	1.1	3.2	1.0	1.0	022/836	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10A-FN	PAL	PLCC	28	P20X10	4.0	1.1	3.2	1.0	1.0	022/636	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10A-FN	PAL	PLCC	28	P20X10	4.0	1.1	3.2	1.0	1.0	22/36	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
TI	**20X10-FN**	BPAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	099/723	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X10-FN**	BPAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	99/23	–	–	–	–	–	04	011B	04	12	006	–	–	–	–
AMD/MMI	20X10-ML	PAL	LCC	28	P20X10C	4.0	3.1	3.2	–	2.0	022/923	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10-NL	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	022/723	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10-NL	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	22/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
TI	**20X10-NL**	BPAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	099/623	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X10-NL**	BPAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	99/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X10-XV**	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	95/23	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20X10A-NL	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	022/736	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X10A-NL	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	22/36	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X10A-V**	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	095/636	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20X10A-V**	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	95/36	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**20X10A-XV**	PAL	PLCC	28	P20X10C	4.0	3.1	3.2	–	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4	PAL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	22/23	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X4**	PAL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	95/23	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	**20X4**	BPAL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	99/23	3.0	3.0	–	–	1.0	04	011A	08	08	001	–	–	3.0	08
AMD/MMI	20X4	PAL	SO	24	P20X4	4.0	1.1	3.2	1.0	1.0	022/823	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4A	PAL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	22/36	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X4A**	PAL	DIP	24	P20X4	4.0	1.1	3.2	1.0	1.0	95/36	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20X4A	PAL	SO	24	P20X4	4.0	1.1	3.2	1.0	1.0	022/836	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4A-FN	PAL	PLCC	28	P20X4	4.0	1.1	3.2	1.0	1.0	022/636	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4A-FN	PAL	PLCC	28	P20X4	4.0	1.1	3.2	1.0	1.0	22/36	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
TI	**20X4-FN**	BPAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	099/723	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X4-FN**	BPAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	99/23	–	–	–	–	–	04	011B	04	12	006	–	–	–	–
AMD/MMI	20X4-ML	PAL	LCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	022/923	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4-NL	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	022/723	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4-NL	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	22/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
TI	**20X4-NL**	BPAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	099/623	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X4-NL**	BPAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	99/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X4-XV**	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	95/23	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20X4A-NL	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	022/736	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X4A-NL	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	22/36	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X4A-V**	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	095/736	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**20X4A-V**	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	95/36	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20X4A-XV**	PAL	PLCC	28	P20X4C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8	PAL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	22/23	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X8**	PAL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	95/23	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	**20X8**	BPAL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	99/23	3.0	3.0	–	–	1.0	04	011A	08	08	001	–	–	3.0	08
AMD/MMI	20X8	PAL	SO	24	P20X8	4.0	1.1	3.2	1.0	1.0	022/823	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8A	PAL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	22/36	2.6	2.6	–	–	1.0	04	011A	09	05	001	–	–	2.6	05
National	**20X8A**	PAL	DIP	24	P20X8	4.0	1.1	3.2	1.0	1.0	95/36	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20X8A	PAL	SO	24	P20X8	4.0	1.1	3.2	1.0	1.0	022/836	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8A-FN	PAL	PLCC	28	P20X8	4.0	1.1	3.2	1.0	1.0	022/636	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8A-FN	PAL	PLCC	28	P20X8	4.0	1.1	3.2	1.0	1.0	22/36	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
TI	**20X8-FN**	BPAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	099/723	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X8-FN**	BPAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	99/23	–	–	–	–	–	04	011B	04	12	006	–	–	–	–
AMD/MMI	20X8-ML	PAL	LCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	022/923	–	–	2.6	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8-NL	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	022/723	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8-NL	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	22/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
TI	**20X8-NL**	BPAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	099/623	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	**20X8-NL**	BPAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	99/23	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X8-XV**	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	095/723	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20X8-XV**	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	95/23	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20X8A-NL	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	022/736	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20X8A-NL	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	22/36	–	–	–	–	–	04	011B	04	12	007	–	–	–	–
National	**20X8A-V**	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	095/636	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20X8A-V**	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	95/36	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20X8A-XV**	PAL	PLCC	28	P20X8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harris	77153/82S153	HPL	DIP	20	F153	4.0	1.0	3.2	1.0	–	98/65	–	–	–	–	–	04	011A	01	01	002	–	–	–	01
Signetics	PLHS153	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	1A/65	2.1	2.1	–	–	1.1	04	012	02	–	–	–	–	–	–
Signetics	PLHS153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	01A/765	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS152	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	96/05	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS152	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	96/65	2.8	2.8	–	–	1.0	04	001	05	01	002	–	–	2.8	01
Signetics	PLS152	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	96/65	2.8	2.8	–	–	1.0	04	011A	02	01	002	–	–	2.8	01
Signetics	PLS152	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	096/765	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS152	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	96/65	–	–	–	–	–	–	–	–	12	009	–	–	–	–
Signetics	PLS153	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	96/65	2.8	2.8	–	–	1.0	04	001	05	01	002	–	–	2.8	01
Signetics	PLS153	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	96/65	2.8	2.8	–	–	1.0	04	011A	02	01	002	–	–	2.8	01
Signetics	PLS153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	096/765	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	96/65	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
Signetics	PLUS153	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	1B/65	2.7	2.7	–	–	1.1	04	011A	11.1	15	001	–	–	2.7	15
Signetics	PLUS153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	01B/765	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS153	FPLA	PLCC	20	F153	4.0	1.0	3.2	1.0	–	1B/65	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
Signetics	PLUS153B	FPLA	DIP	20	F153	4.0	1.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fairchild	93Z458	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	07/61	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Fairchild	93Z459	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	07/61	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Signetics	PLS100	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	96/01	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS100	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	96/61	2.5	2.5	–	–	1.0	04	001	05	01	003	–	–	2.5	01
Signetics	PLS100	FPLA	PLCC	28	F100	4.0	1.0	3.2	1.0	–	096/761	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS101	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	96/01	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS101	FPLA	DIP	28	F100	4.0	1.0	3.2	1.0	–	96/61	2.5	2.5	–	–	1.0	04	001	05	01	003	–	–	2.5	01
Signetics	PLS101	FPLA	PLCC	28	F100	4.0	1.0	3.2	1.0	–	096/761	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16A4	PAL	DIP	20	–	–	–	–	–	–	22/24	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16A4	PAL	PLCC	20	–	–	–	–	–	–	022/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16A4	PAL	PLCC	20	–	–	–	–	–	–	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16A4	PAL	SO	20	–	–	–	–	–	–	022/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16X4	PAL	DIP	20	–	–	–	–	–	–	22/24	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16X4	PAL	PLCC	20	–	–	–	–	–	–	022/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16X4	PAL	PLCC	20	–	–	–	–	–	–	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16X4	PAL	SO	20	–	–	–	–	–	–	022/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	29PL141	FPC	DIP	28	–	–	–	–	–	–	97/79	2.2	2.2	–	–	1.0	04	FPC	02	–	–	–	–	2.2	–
AMD/MMI	29PL141	FPC	DIP	28	–	–	–	–	–	–	97/79	1.5	1.5	–	–	1.0	04	FPC	01	–	–	–	–	1.5	–
National	10012C4	PAL	DIP	24	EC12C4A	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	1012C4	PAL	DIP	24	EC12C4A	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16H8	AmPAL	DIP	20	P16H8	4.0	1.0	3.2	1.0	1.0	97/25	2.1	2.1	–	–	1.1	04	011A	01	03	001	–	–	2.1	03
AMD/MMI	16H8	AmPAL	PLCC	20	P16H8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harris	77215/16H8	HPL	DIP	20	P16H8	4.0	1.0	3.2	1.0	1.0	98/17	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
AMD/MMI	16HD8	AmPAL	DIP	20	P16HD8	4.0	1.0	3.2	1.0	1.0	97/25	2.1	2.1	–	–	1.1	04	011A	01	03	001	–	–	2.1	03
AMD/MMI	16HD8	AmPAL	PLCC	20	P16HD8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	1602	BPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	9A/17	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
TI	1602	BPAL	LCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	1602	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	9A/17	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Fairchild	16L8	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	01/17	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16L8	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	07/17	2.0	2.0	–	–	–	04	012	03	–	–	–	–	2.0	–
Fairchild	16L8	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16L8-10	BPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	A1/17	2.3	2.3	–	–	1.0	04	011A	05	11	001	–	–	2.3	12
TI	16L8-10	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0A1/717	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16L8-10	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	A1/17	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
TI	16L8-12/-15/-25	BPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	9A/17	1.7	1.7	–	–	1.0	04	011A	02	11	001	–	–	1.7	12
TI	16L8-12/-15/-25	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	09A/717	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16L8-12/-15/-25	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	9A/17	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	16L8-12/-15/-25	BPAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	09A/817	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8-4**	PAL	PLCC	28	P16L8	4.0	1.0	3.2	1.0	1.0	020/7F0	–	–	–	3.1	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8-5**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16L8-5	BPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	AD/17	3.1	3.1	–	–	1.2	04	011A	13	–	–	–	–	–	–
AMD/MMI	**16L8-5**	PAL	LCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16L8-5	BPAL	LCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0AD/717	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8-5**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16L8-5	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0AD/717	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	16L8-5	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	AD/17	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
AMD/MMI	**16L8-7**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	20/17	2.8	2.8	–	–	1.0	04	011A	13	12	001	–	–	2.8	12
National	**16L8-7**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	07/17	–	–	–	–	–	–	–	–	–	–	–	–	–	16
TI	16L8-7	BPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	0B/17	2.3	2.3	–	–	1.0	04	011A	07	15	001	–	–	2.3	15
AMD/MMI	**16L8-7**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	020/717	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8-7**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	20/17	–	–	–	–	–	04	–	–	14	006	–	–	–	–
National	**16L8-7**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	007/717	–	–	3.1	3.1	–	–	–	–	–	–	–	–	–	–
TI	16L8-7	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	00B/717	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16L8-7	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0B/17	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
AMD/MMI	**16L8-7**	PAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8/A/A-2/A-4	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	22/17	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16L8/A/A-2/A-4	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	022/717	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8/A/A-2/A-4	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	22/17	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16L8/A/A-2/A-4	PAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	022/817	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16L8/A/A2**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	95/17	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16L8/A/A2**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	095/717	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16L8/A/A2**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	95/17	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16L8/A/B	AmPAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	97/17	2.1	2.1	–	–	1.0	04	011A	05	03	001	–	–	2.1	03
AMD/MMI	16L8/A/B	AmPAL	LCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	097/717	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8/A/B	AmPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	097/717	–	–	1.6	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8/A/B	AmPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	97/17	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
TI	16L8A/A-2	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	99/17	1.7	1.7	–	–	1.0	04	011A	02	05	001	–	–	1.7	05
TI	16L8A/A-2	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	099/717	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16L8A/A-2	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	99/17	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16L8B	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	1.5	1.5	–	–	1.0	04	011A	01	13	001	–	–	1.5	13
AMD/MMI	16L8B	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	030/717	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8B	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	–	–	–	–	–	04	011B	01	13	006	–	–	–	–
National	**16L8B**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	095/717	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16L8B**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	95/17	–	–	–	–	–	04	–	–	–	–	–	–	–	–
AMD/MMI	16L8B	PAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	030/817	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8B-2/B-4	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	22/17	2.1	2.1	–	–	1.0	04	011A	01	05	001	–	–	2.1	05
AMD/MMI	16L8B-2/B-4	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	022/717	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8B-2/B-4	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	22/17	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16L8B-2/B-4	PAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	022/817	–	–	2.1	3.0	–	–	–	–	–	–	–	–	–	–
National	**16L8B/B2**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	95/17	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	16L8D	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	2.4	2.4	–	–	1.0	04	011A	09	13	001	–	–	2.4	13
National	**16L8D**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	07/17	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	15
AMD/MMI	16L8D	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	030/717	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8D	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**16L8D**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	007/717	–	–	2.8	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8D	PAL	SO	20	P16L8	4.0	1.0	3.2	1.0	1.0	030/817	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8H-10**	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	20/17	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
AMD/MMI	**16L8H-10**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	020/717	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	**16L8H-10**	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	20/17	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	16L8H-15	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	2.7	2.7	–	–	1.0	04	011A	03	11	001	–	–	2.7	12
AMD/MMI	16L8H-15	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	030/717	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16L8H-15	PAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	30/17	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16L8PB	PAL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R8-5	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	16R8-5	BPAL	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	AD/24	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Harris	77209/16L8	HPL	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	98/17	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
Signetics	PLHS16L8	FPLA	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	1A/17	2.1	2.1	–	–	1.1	04	012	02	–	–	–	–	2.1	–
Signetics	PLHS16L8	FPLA	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	3D/17	–	–	–	–	–	04	011A	09	13	001	–	–	–	13
Signetics	PLHS16L8	FPLA	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	01A/717	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLHS16L8	FPLA	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	3D/17	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Signetics	PLUS16L8	FPLA	DIP	20	P16L8	4.0	1.0	3.2	1.0	1.0	1B/17	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15

BOLD TYPE denotes algorithm changes

BIPOLAR PLDs

CONTINUED

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Signetics	PLUS16L8	FPLA	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	01B/717	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS16L8	FPLA	PLCC	20	P16L8	4.0	1.0	3.2	1.0	1.0	1B/17	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	16LD8	AmPAL	DIP	20	P16LD8	4.0	1.0	3.2	1.0	1.0	97/17	2.1	2.1	–	–	1.0	04	011A	01	03	001	–	–	2.1	03
AMD/MMI	16LD8	AmPAL	PLCC	20	P16LD8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fairchild	16R4	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	01/24	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16R4	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	07/24	2.0	2.0	–	–	–	04	012	03	–	–	–	–	2.0	–
Fairchild	16R4	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R4-10	BPAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	A1/24	2.3	2.3	–	–	1.0	04	011A	05	11	001	–	–	2.3	12
TI	16R4-10	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	0A1/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R4-10	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	A1/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
TI	16R4-12/-15/-25	BPAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	9A/24	1.7	1.7	–	–	1.0	04	011A	02	11	001	–	–	1.7	12
TI	16R4-12/-15/-25	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	09A/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R4-12/-15/-25	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	9A/24	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	16R4-12/-15/-25	BPAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	09A/824	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4-4**	PAL	PLCC	28	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4-5**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R4-5	BPAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	AD/24	3.1	3.1	–	–	1.2	04	011A	13	–	–	–	–	–	–
AMD/MMI	**16R4-5**	PAL	LCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R4-5	BPAL	LCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4-5**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R4-5	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	16R4-5	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	AD/24	–	–	–	–	–	04	–	–	–	–	–	–	–	–
AMD/MMI	**16R4-7**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	20/81	2.8	2.8	–	–	1.0	04	011A	13	12	001	–	–	2.8	12
National	**16R4-7**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	07/24	–	–	–	–	–	–	–	–	–	–	–	–	–	16
TI	16R4-7	BPAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	0B/24	2.3	2.3	–	–	1.0	04	011A	07	15	001	–	–	2.3	15
AMD/MMI	**16R4-7**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	020/781	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4-7**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	20/81	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**16R4-7**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R4-7	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	00B/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R4-7	BPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	0B/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
AMD/MMI	**16R4-7**	PAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4/A/A-2/A-4	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	22/24	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16R4/A/A-2/A-4	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	022/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4/A/A-2/A-4	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R4/A/A-2/A-4	PAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	022/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R4/A/A2**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16R4/A/A2**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R4/A/A2**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R4/A/B	AmPAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	97/81	2.1	2.1	–	–	1.0	04	011A	05	03	001	–	–	2.1	03
AMD/MMI	16R4/A/B	AmPAL	LCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	097/781	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4/A/B	AmPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	097/781	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4/A/B	AmPAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	97/81	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
TI	16R4A/A-2	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	99/24	1.7	1.7	–	–	1.0	04	011A	02	05	001	–	–	1.7	05
TI	16R4A/A-2	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	099/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R4A/A-2	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	99/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R4B	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/24	1.5	1.5	–	–	1.0	04	011A	01	13	001	–	–	1.5	13
AMD/MMI	16R4B	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	030/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4B	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	01	13	006	–	–	–	–
National	**16R4B**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R4B**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R4B	PAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	030/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4B-2/B-4	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	22/24	2.1	2.1	–	–	1.0	04	011A	01	05	001	–	–	2.1	05
AMD/MMI	16R4B-2/B-4	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	022/724	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4B-2/B-4	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R4B-2/B-4	PAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	022/824	–	–	2.1	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R4B/B2**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	16R4D	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/24	2.4	2.4	–	–	1.0	04	011A	09	13	001	–	–	2.4	13
National	**16R4D**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	16
AMD/MMI	16R4D	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	030/724	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4D	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**16R4D**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	007/724	–	–	3.2	3.2	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4D	PAL	SO	20	P16R4	4.0	1.0	3.2	1.0	1.0	030/824	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4H-10**	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	20/81	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
AMD/MMI	**16R4H-10**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	020/781	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R4H-10**	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	20/81	–	–	–	–	–	–	–	–	15	006	–	–	–	–
AMD/MMI	16R4H-15	PAL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/67	2.7	2.7	–	–	1.0	04	011A	03	11	001	–	–	2.7	12
AMD/MMI	16R4H-15	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	030/767	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16R4H-15	PAL	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	30/67	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Harris	77210/16R4	HPL	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	98/24	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
Signetics	PLUS16R4	FPLA	DIP	20	P16R4	4.0	1.0	3.2	1.0	1.0	1B/24	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
Signetics	PLUS16R4	FPLA	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	01B/724	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS16R4	FPLA	PLCC	20	P16R4	4.0	1.0	3.2	1.0	1.0	1B/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Fairchild	16R6	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	01/24	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16R6	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	07/24	2.0	2.0	–	–	–	04	012	03	–	–	–	–	2.0	–
Fairchild	16R6	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R6-10	BPAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	A1/24	2.3	2.3	–	–	1.0	04	011A	05	11	001	–	–	2.3	12
TI	16R6-10	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	0A1/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R6-10	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	A1/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
TI	16R6-12/-15/-25	BPAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	9A/24	1.7	1.7	–	–	1.0	04	011A	02	11	001	–	–	1.7	12
TI	16R6-12/-15/-25	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	09A/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R6-12/-15/-25	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	9A/24	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	16R6-12/-15/-25	BPAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	09A/824	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R6-4**	PAL	PLCC	28	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R6-5**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R6-5	BPAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	AD/24	3.1	3.1	–	–	1.2	04	011A	13	–	–	–	–	–	–
AMD/MMI	**16R6-5**	PAL	LCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R6-5	BPAL	LCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R6-5**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R6-5	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	16R6-5	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	AD/24	–	–	–	–	–	04	–	–	–	–	–	–	–	–
AMD/MMI	**16R6-7**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	20/80	2.8	2.8	–	–	1.0	04	011A	13	12	001	–	–	2.8	12
National	**16R6-7**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	07/24	–	–	–	–	–	–	–	–	–	–	–	–	–	16
TI	16R6-7	BPAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	0B/24	2.3	2.3	–	–	1.0	04	011A	07	15	001	–	–	2.3	15
AMD/MMI	**16R6-7**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	020/780	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R6-7**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	20/80	–	–	–	–	–	04	–	–	15	006	–	–	–	–

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
National	**16R6-7**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R6-7	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	00B/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R6-7	BPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	0B/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
AMD/MMI	**16R6-7**	PAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6/A/A-2/A-4	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	22/24	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16R6/A/A-2/A-4	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	022/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6/A/A-2/A-4	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R6/A/A-2/A-4	PAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	022/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R6/A/A2**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16R6/A/A2**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R6/A/A2**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R6/A/B	AmPAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	97/80	2.1	2.1	–	–	1.0	04	011A	05	03	001	–	–	2.1	03
AMD/MMI	16R6/A/B	AmPAL	LCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	097/780	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6/A/B	AmPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	097/780	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6/A/B	AmPAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	97/80	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
TI	16R6A/A-2	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	99/24	1.7	1.7	–	–	1.0	04	011A	02	05	001	–	–	1.7	05
TI	16R6A/A-2	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	099/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R6A/A-2	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	99/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R6B	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/24	1.5	1.5	–	–	1.0	04	011A	01	13	001	–	–	1.5	13
AMD/MMI	16R6B	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	030/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6B	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	01	13	006	–	–	–	–
National	**16R6B**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R6B**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R6B	PAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	030/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6B-2/B-4	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	22/24	2.1	2.1	–	–	1.0	04	011A	01	05	001	–	–	2.1	05
AMD/MMI	16R6B-2/B-4	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	022/724	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6B-2/B-4	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R6B-2/B-4	PAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	022/824	–	–	2.1	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R6B/B2**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	16R6D	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/24	2.4	2.4	–	–	1.0	04	011A	09	13	001	–	–	2.4	13
National	**16R6D**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	15
National	**16R6D**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	16
AMD/MMI	16R6D	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	030/724	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6D	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**16R6D**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	007/724	–	–	3.2	3.2	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6D	PAL	SO	20	P16R6	4.0	1.0	3.2	1.0	1.0	030/824	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R6H-10**	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	20/80	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
AMD/MMI	**16R6H-10**	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	020/780	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6H-15	PAL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/67	2.7	2.7	–	–	1.0	04	011A	03	11	001	–	–	2.7	12
AMD/MMI	16R6H-15	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	030/767	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16R6H-15	PAL	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	30/67	–	–	–	–	–	04	–	–	–	–	–	–	–	–
Harris	77211/16R6	HPL	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	98/24	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
Signetics	PLUS16R6	FPLA	DIP	20	P16R6	4.0	1.0	3.2	1.0	1.0	1B/24	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
Signetics	PLUS16R6	FPLA	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	01B/724	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS16R6	FPLA	PLCC	20	P16R6	4.0	1.0	3.2	1.0	1.0	1B/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Fairchild	16R8	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	01/24	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16R8	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	2.0	2.0	–	–	–	04	012	03	–	–	–	–	2.0	–
Fairchild	16R8	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R8-10	BPAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	A1/24	2.3	2.3	–	–	1.0	04	011A	05	11	001	–	–	2.3	12
TI	16R8-10	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	0A1/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R8-10	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	A1/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
TI	16R8-12/-15/-25	BPAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	9A/24	1.7	1.7	–	–	1.0	04	011A	02	11	001	–	–	1.7	12
TI	16R8-12/-15/-25	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	09A/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R8-12/-15/-25	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	9A/24	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	16R8-12/-15/-25	BPAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	09A/824	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8-4**	PAL	PLCC	28	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8-5**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R8-5	BPAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	AD/24	3.1	3.1	–	–	1.2	04	011A	13	–	–	–	–	–	–
TI	16R8-5	BPAL	LCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	0AD/724	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8-5**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8-7**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	20/82	2.8	2.8	–	–	1.0	04	011A	13	12	001	–	–	2.8	12
National	**16R8-7**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	–	–	–	–	–	–	–	–	–	–	–	–	–	16
TI	16R8-7	BPAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	0B/24	2.3	2.3	–	–	1.0	04	011A	07	15	001	–	–	2.3	15
AMD/MMI	**16R8-7**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	020/782	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8-7**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	20/82	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**16R8-7**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	16R8-7	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	00B/724	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R8-7	BPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	0B/24	–	–	–	–	–	04	011B	03	15	006	–	–	–	–
AMD/MMI	**16R8-7**	PAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8/A/A-2/A-4	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	22/24	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16R8/A/A-2/A-4	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	022/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8/A/A-2/A-4	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R8/A/A-2/A-4	PAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	022/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R8/A/A2**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**16R8/A/A2**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R8/A/A2**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R8/A/B	AmPAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	97/82	2.1	2.1	–	–	1.0	04	011A	05	03	001	–	–	2.1	03
AMD/MMI	16R8/A/B	AmPAL	LCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	097/782	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8/A/B	AmPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	097/782	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8/A/B	AmPAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	97/82	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
TI	16R8A/A-2	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	99/24	1.7	1.7	–	–	1.0	04	011A	02	05	001	–	–	1.7	05
TI	16R8A/A-2	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	099/724	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	16R8A/A-2	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	99/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R8B	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/24	1.5	1.5	–	–	1.0	04	011A	01	13	001	–	–	1.5	13
AMD/MMI	16R8B	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	030/724	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8B	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	01	13	006	–	–	–	–
National	**16R8B**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	095/724	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16R8B**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	95/24	–	–	–	–	–	04	–	–	15	006	–	–	–	–
AMD/MMI	16R8B	PAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	030/824	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8B-2/B-4	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	22/24	2.1	2.1	–	–	1.0	04	011A	01	05	001	–	–	2.1	05
AMD/MMI	16R8B-2/B-4	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	022/724	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8B-2/B-4	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	22/24	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16R8B-2/B-4	PAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	022/824	–	–	2.1	3.0	–	–	–	–	–	–	–	–	–	–
National	**16R8B/B2**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	95/24	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	16R8D	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/24	2.4	2.4	–	–	1.0	04	011A	09	13	001	–	–	2.4	13

BOLD TYPE denotes algorithm changes

BIPOLAR PLDs

CONTINUED

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
National	**16R8D**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.0	04	012	03	–	–	–	–	2.6	15
National	**16R8D**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.0	04	012	03	–	–	–	–	2.6	16
National	**16R8D**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	15
National	**16R8D**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	07/24	2.6	2.6	–	–	1.2	04	012	03	–	–	–	–	2.6	16
AMD/MMI	16R8D	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	030/724	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8D	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/24	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
National	**16R8D**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	007/724	–	–	3.2	3.2	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8D	PAL	SO	20	P16R8	4.0	1.0	3.2	1.0	1.0	030/824	–	–	2.4	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**16R8H-10**	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	20/82	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
AMD/MMI	**16R8H-10**	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	020/782	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8H-15	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/67	2.7	2.7	–	–	1.0	04	011A	03	11	001	–	–	2.7	12
AMD/MMI	16R8H-15	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	030/767	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
AMD/MMI	16R8H-15	PAL	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	30/67	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
AMD/MMI	16R8PB	PAL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Harris	77212/16R8	HPL	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	98/24	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
Signetics	PLUS16R8	FPLA	DIP	20	P16R8	4.0	1.0	3.2	1.0	1.0	1B/24	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
Signetics	PLUS16R8	FPLA	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	01B/724	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS16R8	FPLA	PLCC	20	P16R8	4.0	1.0	3.2	1.0	1.0	1B/24	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
National	**10016C4**	PAL	PLCC	28	EC16C4A	4.0	3.2	–	–	2.0	95/AD	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
National	**1016C4**	PAL	PLCC	28	EC16C4A	4.0	3.2	–	–	2.0	95/AD	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
National	10016P4	PAL	DIP	24	EC16P4A	4.0	3.0	3.2	–	–	95/A0	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	100E302/16P4	PAL	DIP	24	EC16P4A	4.0	3.0	3.2	–	–	C0/A0	2.5	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	100E302/16P4	PAL	PLCC	28	EC16P4A	4.0	3.0	3.2	–	–	0C0/7A0	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
National	1016P4	PAL	DIP	24	EC16P4A	4.0	3.0	3.2	–	–	95/A0	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	10E302/16P4	PAL	DIP	24	EC16P4A	4.0	3.0	3.2	–	–	C0/A0	2.5	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	10E302/16P4	PAL	PLCC	28	EC16P4A	4.0	3.0	3.2	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	10016P8	PAL	DIP	24	EC16P8N	4.0	3.0	3.2	1.0	2.0	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	100E301/16P8	PAL	DIP	24	EC16P8N	4.0	3.0	3.2	1.0	2.0	C0/92	2.5	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	100E301/16P8	PAL	PLCC	28	EC16P8N	4.0	3.0	3.2	1.0	2.0	0C0/792	–	–	3.3	3.3	–	–	–	–	–	–	–	–	–	–
National	1016P8	PAL	DIP	24	EC16P8N	4.0	3.0	3.2	1.0	2.0	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	10E301/16P8	PAL	DIP	24	EC16P8N	4.0	3.0	3.2	1.0	2.0	C0/92	2.5	2.5	–	–	–	–	–	–	–	–	–	–	–	–
Cypress	10E301/16P8	PAL	PLCC	28	EC16P8N	4.0	3.0	3.2	1.0	2.0	0C0/792	–	–	2.8	3.0	–	–	–	–	–	–	–	–	–	–
TI	**10H16P8-6**	EPAL	DIP	24	EC16P8N	4.0	3.0	3.2	1.0	2.0	99/92	2.2	2.2	–	–	–	04	–	–	–	–	–	–	–	–
TI	**10H16P8-6**	EPAL	PLCC	28	EC16P8N	4.0	3.0	3.2	1.0	2.0	099/792	–	–	2.2	3.0	–	–	–	–	–	–	–	–	–	–
National	10016PE8	PAL	PLCC	24	EC16PE8	4.0	3.2	3.2	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	1016PE8	PAL	PLCC	28	EC16PE8	4.0	3.2	3.2	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	10016RD8	PAL	DIP	24	EC16RD8N	4.0	3.0	–	1.0	–	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
National	1016RD8	PAL	DIP	24	EC16RD8N	4.0	3.0	–	1.0	–	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
National	10016RM4	PAL	DIP	24	EC16RM4N	4.0	3.2	–	–	2.0	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
National	1016RM4	PAL	DIP	24	EC16RM4N	4.0	3.2	–	–	2.0	95/92	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
Fairchild	16P8	PAL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	01/30	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16P8	PAL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	07/30	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Fairchild	16P8	PAL	PLCC	20	P16P8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16P8A	PAL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	22/30	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16P8A	PAL	PLCC	20	P16P8	4.0	1.0	3.2	1.0	1.0	22/30	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16P8A	PAL	SO	20	P16P8	4.0	1.0	3.2	1.0	1.0	022/830	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
Harris	77216/16P8	HPL	DIP	20	P16P8	4.0	1.0	3.2	1.0	1.0	98/30	–	–	–	–	–	04	011A	01	01	001	–	–	–	01
AMD/MMI	16RA8	PAL	DIP	20	P16RA8	4.0	2.0	3.2	1.0	2.0	22/31	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
National	**16RA8**	PAL	DIP	20	P16RA8	4.0	2.0	3.2	1.0	2.0	22/31	1.5	1.5	–	–	1.0	–	–	–	–	–	–	–	1.5	–
National	**16RA8**	PAL	DIP	20	P16RA8	4.0	2.0	3.2	1.0	2.0	95/31	–	–	–	–	–	04	011A	14	–	–	–	–	–	–
AMD/MMI	16RA8	PAL	PLCC	20	P16RA8	4.0	2.0	3.2	1.0	2.0	022/731	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16RA8	PAL	PLCC	20	P16RA8	4.0	2.0	3.2	1.0	2.0	22/31	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
National	**16RA8**	PAL	PLCC	20	P16RA8	4.0	2.0	3.2	1.0	2.0	022/731	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**16RA8**	PAL	PLCC	20	P16RA8	4.0	2.0	3.2	1.0	2.0	95/31	–	–	–	–	–	04	–	–	–	–	–	–	–	–
AMD/MMI	16RA8	PAL	SO	20	P16RA8	4.0	2.0	3.2	1.0	2.0	022/831	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
Fairchild	16RP4	PAL	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	01/31	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16RP4	PAL	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	07/31	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Fairchild	16RP4	PAL	PLCC	20	P16RP4	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP4A	PAL	DIP	20	P16RP4	4.0	1.0	3.2	1.0	1.2	22/31	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16RP4A	PAL	PLCC	20	P16RP4	4.0	1.0	3.2	1.0	1.2	022/731	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP4A	PAL	PLCC	20	P16RP4	4.0	1.0	3.2	1.0	1.2	22/31	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16RP4A	PAL	SO	20	P16RP4	4.0	1.0	3.2	1.0	1.2	022/831	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
Fairchild	16RP6	PAL	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	01/31	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16RP6	PAL	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	07/31	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Fairchild	16RP6	PAL	PLCC	20	P16RP6	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP6A	PAL	DIP	20	P16RP6	4.0	1.0	3.2	1.0	1.2	22/31	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16RP6A	PAL	PLCC	20	P16RP6	4.0	1.0	3.2	1.0	1.2	022/731	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP6A	PAL	PLCC	20	P16RP6	4.0	1.0	3.2	1.0	1.2	22/31	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16RP6A	PAL	SO	20	P16RP6	4.0	1.0	3.2	1.0	1.2	022/831	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
Fairchild	16RP8	PAL	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	01/31	–	–	–	–	–	–	–	–	–	–	–	–	–	9.S
Fairchild	16RP8	PAL	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	07/31	2.0	2.0	–	–	–	–	–	–	–	–	–	–	2.0	–
Fairchild	16RP8	PAL	PLCC	20	P16RP8	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP8A	PAL	DIP	20	P16RP8	4.0	1.0	3.2	1.0	1.2	22/31	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	16RP8A	PAL	PLCC	20	P16RP8	4.0	1.0	3.2	1.0	1.2	022/731	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	16RP8A	PAL	PLCC	20	P16RP8	4.0	1.0	3.2	1.0	1.2	22/31	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	16RP8A	PAL	SO	20	P16RP8	4.0	1.0	3.2	1.0	1.2	022/831	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
Ricoh	16P8B	EPLD	DIP	20	E16P8	4.0	2.0	–	1.0	2.0	38/30	–	–	–	–	–	–	–	–	05	001	–	–	–	05
Ricoh	16P8B	EPLD	DIP	20	E16P8	4.0	2.0	–	1.0	2.0	39/30	1.0	1.0	–	–	1.0	04	011A	01	–	–	2.1L	CL1	1.0	–
Ricoh	16P8B	EPLD	SO	20	E16P8	4.0	2.0	–	1.0	2.0	039/830	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
Ricoh	16RP4B	EPLD	DIP	20	E16RP4	4.0	2.0	–	1.0	2.0	38/31	–	–	–	–	–	–	–	–	05	001	–	–	–	05
Ricoh	16RP4B	EPLD	DIP	20	E16RP4	4.0	2.0	–	1.0	2.0	39/31	1.0	1.0	–	–	1.0	04	011A	01	–	–	2.1L	CL1	1.0	–
Ricoh	16RP6B	EPLD	DIP	20	E16RP6	4.0	2.0	–	1.0	2.0	38/31	–	–	–	–	–	–	–	–	05	001	–	–	–	05
Ricoh	16RP6B	EPLD	DIP	20	E16RP6	4.0	2.0	–	1.0	2.0	39/31	1.0	1.0	–	–	1.0	04	011A	01	–	–	2.1L	CL1	1.0	–
Ricoh	16RP8B	EPLD	DIP	20	E16RP8	4.0	2.0	–	1.0	2.0	38/31	–	–	–	–	–	–	–	–	05	001	–	–	–	05
Ricoh	16RP8B	EPLD	DIP	20	E16RP8	4.0	2.0	–	1.0	2.0	39/31	1.0	1.0	–	–	1.0	04	011A	01	–	–	2.1L	CL1	1.0	–
Ricoh	16RP8B	EPLD	SO	20	E16RP8	4.0	2.0	–	1.0	2.0	039/831	–	–	2.6	3.0	–	–	–	–	–	–	–	–	–	–
Signetics	PLS154	FPLS	DIP	20	F155	4.0	2.1	–	1.0	–	96/67	–	–	–	–	–	04	001	05	01	002	–	–	–	01
Signetics	PLS154	FPLS	DIP	20	F155	4.0	2.1	–	1.0	–	96/67	–	–	–	–	–	04	011A	02	01	002	–	–	–	01
Signetics	PLS155	FPLS	DIP	20	F155	4.0	2.1	–	1.0	–	96/67	1.5	1.5	–	–	1.0	04	001	05	01	002	–	–	1.5	01
Signetics	PLS155	FPLS	DIP	20	F155	4.0	2.1	–	1.0	–	96/67	1.5	1.5	–	–	1.0	04	011A	02	01	002	–	–	1.5	01
Signetics	PLS155	FPLS	PLCC	20	F155	4.0	2.1	–	1.0	–	096/767	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS155	FPLS	PLCC	20	F155	4.0	2.1	–	1.0	–	96/67	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
Signetics	PLS156	FPLS	DIP	20	F157	4.0	1.0	–	1.0	–	96/68	–	–	–	–	–	04	001	05	01	002	–	–	–	01
Signetics	PLS156	FPLS	DIP	20	F157	4.0	1.0	–	1.0	–	96/68	–	–	–	–	–	04	011A	02	01	002	–	–	–	01
Signetics	PLS157	FPLS	DIP	20	F157	4.0	1.0	–	1.0	–	96/68	1.5	1.5	–	–	1.0	04	001	05	13	002	–	–	1.5	–

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
Signetics	PLS157	FPLS	DIP	20	F157	4.0	1.0	–	1.0	–	96/68	1.5	1.5	–	–	1.0	04	011A	02	13	002	–	–	1.5	–
Signetics	PLS157	FPLS	PLCC	20	F157	4.0	1.0	–	1.0	–	096/768	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS157	FPLS	PLCC	20	F157	4.0	1.0	–	1.0	–	96/68	–	–	–	–	–	04	011B	02	13	009	–	–	–	–
Signetics	PLS158	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/06	–	–	–	–	–	04	001	02	–	–	–	–	–	–
Signetics	PLS158	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/66	–	–	–	–	–	04	001	05	01	002	–	–	–	01
Signetics	PLS158	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/66	–	–	–	–	–	04	011A	02	01	002	–	–	–	01
Signetics	PLS159	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/06	–	–	–	–	–	04	001	02	–	–	–	–	–	–
Signetics	PLS159	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/66	1.5	1.5	–	–	1.0	04	001	05	01	002	–	–	1.5	01
Signetics	PLS159	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	96/66	1.5	1.5	–	–	1.0	04	011A	02	01	002	–	–	1.5	01
Signetics	PLS159	FPLS	PLCC	20	F159	4.0	1.0	–	1.0	–	096/766	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS159	FPLS	PLCC	20	F159	4.0	1.0	–	1.0	–	96/66	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
Signetics	PLS159A	FPLS	DIP	20	F159	4.0	1.0	–	1.0	–	64/66	2.8	2.8	–	–	1.0	04	011A	02	12	002	–	–	2.8	12
Signetics	PLS159A	FPLS	PLCC	20	F159	4.0	1.0	–	1.0	–	064/766	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS159A	FPLS	PLCC	20	F159	4.0	1.0	–	1.0	–	64/66	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
Signetics	PLS173	FPLA	DIP	24	F173	4.0	2.0	3.2	1.0	–	96/76	2.8	2.8	–	–	1.0	04	001	06	08	002	–	–	2.8	08
Signetics	PLS173	FPLA	DIP	24	F173	4.0	2.0	3.2	1.0	–	96/76	2.8	2.8	–	–	1.0	04	011A	02	08	002	–	–	2.8	08
Signetics	PLS173	FPLA	PLCC	28	F173	4.0	2.0	3.2	1.0	–	096/776	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS173	FPLA	PLCC	28	F173	4.0	2.0	3.2	1.0	–	96/76	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
Signetics	PLUS173	FPLS	DIP	24	F173	4.0	2.0	3.2	1.0	–	1B/76	2.7	2.7	–	–	1.1	04	011A	11.1	15	002	–	–	–	15
Signetics	PLUS173	FPLS	PLCC	28	F173	4.0	2.0	3.2	1.0	–	01B/776	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS173	FPLS	PLCC	28	F173	4.0	2.0	3.2	1.0	–	1B/76	–	–	–	–	–	04	011B	05	15	009	–	–	–	–
TI	T19L8	PAL	DIP	24	P19L8L	4.0	2.1	–	1.0	1.0	99/88	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	T19L8	PAL	PLCC	28	P19L8L	4.0	2.1	–	1.0	1.0	099/788	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	T19L8	PAL	PLCC	28	P19L8L	4.0	2.1	–	1.0	1.0	99/88	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	R19L8	PAL	DIP	24	P19L8R	4.0	1.1	–	1.0	1.0	99/89	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	R19L8	PAL	PLCC	28	P19L8R	4.0	1.1	–	1.0	1.0	099/789	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	R19L8	PAL	PLCC	28	P19L8R	4.0	1.1	–	1.0	1.0	99/89	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	T19R4	PAL	DIP	24	P19R4L	4.0	1.1	–	1.0	1.0	99/90	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	T19R4	PAL	PLCC	28	P19R4L	4.0	1.1	–	1.0	1.0	099/790	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	T19R4	PAL	PLCC	28	P19R4L	4.0	1.1	–	1.0	1.0	99/90	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	R19R4	PAL	DIP	24	P19R4R	4.0	1.1	–	1.0	1.0	99/91	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	R19R4	PAL	PLCC	28	P19R4R	4.0	1.1	–	1.0	1.0	099/791	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	R19R4	PAL	PLCC	28	P19R4R	4.0	1.1	–	1.0	1.0	99/91	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	T19R6	PAL	DIP	24	P19R6L	4.0	1.1	–	1.0	1.0	99/90	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	T19R6	PAL	PLCC	28	P19R6L	4.0	1.1	–	1.0	1.0	099/790	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	T19R6	PAL	PLCC	28	P19R6L	4.0	1.1	–	1.0	1.0	99/90	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	R19R6	PAL	DIP	24	P19R6R	4.0	1.1	–	1.0	1.0	99/91	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	R19R6	PAL	PLCC	28	P19R6R	4.0	1.1	–	1.0	1.0	099/791	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	R19R6	PAL	PLCC	28	P19R6R	4.0	1.1	–	1.0	1.0	99/91	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	T19R8	PAL	DIP	24	P19R8L	4.0	1.1	–	1.0	1.0	99/90	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	T19R8	PAL	PLCC	28	P19R8L	4.0	1.1	–	1.0	1.0	099/790	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	T19R8	PAL	PLCC	28	P19R8L	4.0	1.1	–	1.0	1.0	99/90	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	R19R8	PAL	DIP	24	P19R8R	4.0	1.1	–	1.0	1.0	99/91	2.5	2.5	–	–	1.0	04	011A	02	08	001	–	–	–	08
TI	R19R8	PAL	PLCC	28	P19R8R	4.0	1.1	–	1.0	1.0	099/791	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	R19R8	PAL	PLCC	28	P19R8R	4.0	1.1	–	1.0	1.0	99/91	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
Signetics	PLS179	FPLS	DIP	24	F179	4.0	2.1	–	1.0	–	96/77	2.8	2.8	–	–	1.0	04	011A	02	–	–	–	–	2.8	–
Signetics	PLS179	FPLS	PLCC	28	F179	4.0	2.1	–	1.0	–	096/777	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS179	FPLS	PLCC	28	F179	4.0	2.1	–	1.0	–	96/77	–	–	–	–	–	04	011B	02	–	–	–	–	–	–
AMD/MMI	20L8	AmPAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	97/26	2.0	2.0	–	–	1.0	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20L8	AmPAL	LCC	28	P20L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8-10	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	22/26	2.7	2.7	–	–	1.0	04	011A	11	14	001	–	–	2.7	14
TI	20L8-10	BPAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	0B/26	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
TI	20L8-15/-25	BPAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	A1/26	2.3	2.3	–	–	1.0	04	011A	02	08	001	–	–	2.3	08
AMD/MMI	**20L8-5**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20L8-5	BPAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	AD/26	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
AMD/MMI	**20L8-7**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	20/26	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
TI	20L8-7	BPAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	0B/26	2.6	2.6	–	–	1.0	04	011A	09	14	001	–	–	2.6	14
National	**20L8A**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	95/26	3.0	3.0	–	–	1.0	04	011A	12	15	001	–	–	3.0	15
TI	20L8A	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	99/26	1.7	1.7	–	–	1.0	04	011A	02	03	001	–	–	1.7	03
TI	20L8A	PAL	SO	24	P20L8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8A/A-2/B/B-2	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	22/26	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20L8A/A-2/B/B-2	PAL	SO	24	P20L8	4.0	1.0	3.2	1.0	1.0	022/826	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**20L8B**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	95/26	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**20L8D**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	07/26	2.8	2.8	–	–	1.0	04	012	03	–	–	–	–	2.8	15
National	**20L8D**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	07/26	2.8	2.8	–	–	1.0	04	012	03	–	–	–	–	2.8	16
National	**20L8D**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	07/26	2.8	2.8	–	–	1.2	04	012	03	–	–	–	–	2.8	15
National	**20L8D**	PAL	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	07/26	2.8	2.8	–	–	1.2	04	012	03	–	–	–	–	2.8	16
Signetics	PLUS20L8	FPLA	DIP	24	P20L8	4.0	1.0	3.2	1.0	1.0	1B/26	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
AMD/MMI	20L8-10	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	022/626	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8-10	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	22/26	–	–	–	–	–	04	011B	05	14	006	–	–	–	–
TI	20L8-10	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	00B/726	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20L8-10	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0B/26	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
TI	20L8-15/-25-FN	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0A1/726	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20L8-15/-25-FN	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	A1/26	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	20L8-15/-25-NL	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0A1/626	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20L8-15/-25-NL	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	A1/26	–	–	–	–	–	04	011B	03	12	007	–	–	–	–
AMD/MMI	**20L8-4**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20L8-5	BPAL	LCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0AD/726	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**20L8-5**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20L8-5	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0AD/726	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20L8-5	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	AD/26	–	–	–	–	–	04	–	–	16	006	–	–	–	–
TI	20L8-7	BPAL	LCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**20L8-7**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	020/726	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**20L8-7**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	20/26	–	–	–	–	–	04	–	–	15	006	–	–	–	–
TI	20L8-7	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	00B/726	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20L8-7	BPAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	0B/26	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	20L8A	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	099/726	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20L8A	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	99/26	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	20L8A-ML	PAL	LCC	20	P20L8C	4.0	3.1	3.2	1.0	2.0	022/926	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**20L8A-V**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	095/626	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L8A-V**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	95/26	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20L8A-XV**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	095/726	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L8A-XV**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	95/26	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20L8A/A-2/B/-NL	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	022/726	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8A/A-2/B/-NL	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	22/26	–	–	–	–	–	04	011B	01	12	007	–	–	–	–

BOLD TYPE denotes algorithm changes

BIPOLAR PLDs

C O N T I N U E D

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
AMD/MMI	20L8B-2-NL	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	022/726	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8B-2-NL	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	22/26	–	–	–	–	–	04	011B	02	12	007	–	–	–	–
AMD/MMI	20L8B-ML	PAL	LCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	022/926	–	–	2.4	3.0	1.2	–	–	–	–	–	–	–	–	–
National	**20L8B-V**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	095/626	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L8B-V**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	95/26	–	–	–	–	–	–	–	–	15	006	–	–	–	–
National	**20L8B-XV**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	095/726	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20L8B-XV**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	95/26	–	–	–	–	–	04	–	–	15	007	–	–	–	–
National	**20L8D**	PAL	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLUS20L8	FPLA	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	01B/626	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS20L8	FPLA	PLCC	28	P20L8C	4.0	3.1	3.2	1.0	2.0	1B/26	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	20L8A/A-2/B/-FN	PAL	PLCC	28	P20L8FNC	4.0	3.2	3.2	–	2.0	022/626	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8A/A-2/B/-FN	PAL	PLCC	28	P20L8FNC	4.0	3.2	3.2	–	2.0	22/26	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20L8B-2-FN	PAL	PLCC	28	P20L8FNC	4.0	3.2	3.2	–	2.0	022/626	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20L8B-2-FN	PAL	PLCC	28	P20L8FNC	4.0	3.2	3.2	–	2.0	22/26	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R4	AmPAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	97/27	2.0	2.0	–	–	1.0	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20R4	AmPAL	LCC	28	P20R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4-10	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	22/68	2.7	2.7	–	–	1.0	04	011A	11	14	001	–	–	2.7	14
TI	20R4-10	BPAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	0B/27	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
TI	20R4-15/-25	BPAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	A1/27	2.3	2.3	–	–	1.0	04	011A	02	08	001	–	–	2.3	08
AMD/MMI	**20R4-5**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R4-5	BPAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	AD/27	3.1	3.1	–	–	1.2	04	011A	13	16	001	–	–	–	16
AMD/MMI	**20R4-7**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	20/65	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
TI	20R4-7	BPAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	0B/27	2.6	2.6	–	–	1.0	04	011A	09	14	001	–	–	2.6	14
TI	20R4-7	BPAL	LCC	28	P20R4	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	**20R4A**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	20R4A	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	99/27	1.7	1.7	–	–	1.0	04	011A	02	03	001	–	–	1.7	03
TI	20R4A	PAL	SO	24	P20R4	4.0	1.0	3.2	1.0	1.0	099/827	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4A/A-2/B/B-2	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	22/27	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20R4A/A-2/B/B-2	PAL	SO	24	P20R4	4.0	1.0	3.2	1.0	1.0	022/827	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**20R4B**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
AMD/MMI	20R4B-ML	PAL	LCC	28	P20R4	4.0	1.0	3.2	1.0	1.0	022/927	–	–	2.4	3.0	1.2	–	–	–	–	–	–	–	–	–
National	**20R4D**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.0	04	012	03	–	–	–	–	2.8	15
National	**20R4D**	PAL	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.2	04	012	03	–	–	–	–	2.8	15
Signetics	PLUS20R4	FPLA	DIP	24	P20R4	4.0	1.0	3.2	1.0	1.0	1B/27	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
AMD/MMI	20R4-10	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	022/768	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4-10	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	22/68	–	–	–	–	–	04	011B	05	14	006	–	–	–	–
TI	20R4-10	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20R4-10	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
TI	20R4-15/-25-FN	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0A1/727	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R4-15/-25-FN	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	20R4-15/-25-NL	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0A1/627	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R4-15/-25-NL	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	03	12	007	–	–	–	–
AMD/MMI	**20R4-4**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R4-5	BPAL	LCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R4-5**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R4-5	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20R4-5	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	AD/27	–	–	–	–	–	04	–	–	16	006	–	–	–	–
AMD/MMI	**20R4-7**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	020/765	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R4-7**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	20/65	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
TI	20R4-7	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R4-7	BPAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	20R4A	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	099/727	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R4A	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	99/27	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	20R4A-ML	PAL	LCC	20	P20R4C	4.0	3.1	3.2	1.0	2.0	022/926	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**20R4A-V**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20R4A-XV**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R4A-XV**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20R4A/A-2/B/-NL	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4A/A-2/B/-NL	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20R4B-2-ML	PAL	LCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4B-2-NL	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4B-2-NL	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	02	12	007	–	–	–	–
National	**20R4B-V**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	095/627	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R4B-V**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**20R4B-XV**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R4B-XV**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
National	**20R4D**	PAL	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R4	FPLA	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	01B/627	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R4	FPLA	PLCC	28	P20R4C	4.0	3.1	3.2	1.0	2.0	1B/27	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	20R4A/A-2/B/-FN	PAL	PLCC	28	P20R4FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4A/A-2/B/-FN	PAL	PLCC	28	P20R4FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R4B-2-FN	PAL	PLCC	28	P20R4FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R4B-2-FN	PAL	PLCC	28	P20R4FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R6	AmPAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	97/27	2.0	2.0	–	–	1.0	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20R6	AmPAL	LCC	28	P20R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6-10	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	22/68	2.7	2.7	–	–	1.0	04	011A	11	14	001	–	–	2.7	14
TI	20R6-10	BPAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	0B/27	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
TI	20R6-15/-25	BPAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	A1/27	2.3	2.3	–	–	1.0	04	011A	02	08	001	–	–	2.3	08
AMD/MMI	**20R6-5**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R6-5	BPAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	AD/27	3.1	3.1	–	–	1.2	04	011A	13	16	001	–	–	–	16
AMD/MMI	**20R6-7**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	20/66	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
TI	20R6-7	BPAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	0B/27	2.6	2.6	–	–	1.0	04	011A	09	14	001	–	–	2.6	14
TI	20R6-7	BPAL	LCC	28	P20R6	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	**20R6A**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	20R6A	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	99/27	1.7	1.7	–	–	1.0	04	011A	02	03	001	–	–	1.7	03
TI	20R6A	PAL	SO	24	P20R6	4.0	1.0	3.2	1.0	1.0	099/827	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6A/A-2/B/B-2	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	22/27	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20R6A/A-2/B/B-2	PAL	SO	24	P20R6	4.0	1.0	3.2	1.0	1.0	022/827	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**20R6B**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**20R6D**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.0	04	012	03	–	–	–	–	2.8	15
National	**20R6D**	PAL	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.2	04	012	03	–	–	–	–	2.8	15
Signetics	PLUS20R6	FPLA	DIP	24	P20R6	4.0	1.0	3.2	1.0	1.0	1B/27	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
AMD/MMI	20R6-10	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	022/768	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6-10	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	22/68	–	–	–	–	–	04	011B	05	14	006	–	–	–	–
TI	20R6-10	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20R6-10	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
TI	20R6-15/-25-FN	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0A1/727	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R6-15/-25-FN	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	20R6-15/-25-NL	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0A1/627	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R6-15/-25-NL	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	03	12	007	–	–	–	–
TI	20R6-5	BPAL	LCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R6-5**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R6-5	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20R6-5	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	AD/27	–	–	–	–	–	04	–	–	16	006	–	–	–	–
AMD/MMI	**20R6-7**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	020/766	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R6-7**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	20/66	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
TI	20R6-7	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R6-7	BPAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	20R6A	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	099/727	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R6A	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	99/27	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	20R6A-ML	PAL	LCC	20	P20R6C	4.0	3.1	3.2	1.0	2.0	022/926	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**20R6A-V**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20R6A-XV**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R6A-XV**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20R6A/A-2/B/-NL	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6A/A-2/B/-NL	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20R6B-2-NL	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6B-2-NL	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	02	12	007	–	–	–	–
AMD/MMI	20R6B-ML	PAL	LCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	022/927	–	–	2.4	3.0	1.2	–	–	–	–	–	–	–	–	–
National	**20R6B-V**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	095/627	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R6B-V**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**20R6B-XV**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R6B-XV**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
National	**20R6D**	PAL	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R6	FPLA	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	01B/627	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R6	FPLA	PLCC	28	P20R6C	4.0	3.1	3.2	1.0	2.0	1B/27	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	20R6A/A-2/B/-FN	PAL	PLCC	28	P20R6FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6A/A-2/B/-FN	PAL	PLCC	28	P20R6FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R6B-2-FN	PAL	PLCC	28	P20R6FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R6B-2-FN	PAL	PLCC	28	P20R6FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R8	AmPAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	97/27	2.0	2.0	–	–	1.0	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20R8	AmPAL	LCC	28	P20R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8-10	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	22/68	2.7	2.7	–	–	1.0	04	011A	11	14	001	–	–	2.7	14
TI	20R8-10	BPAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	0B/27	3.1	3.1	–	–	1.2	04	011A	12	16	001	–	–	–	16
TI	20R8-15/-25	BPAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	A1/27	2.3	2.3	–	–	1.0	04	011A	02	08	001	–	–	2.3	08
AMD/MMI	**20R8-5**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R8-5	BPAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	AD/27	3.1	3.1	–	–	1.2	04	011A	13	16	001	–	–	–	16
AMD/MMI	**20R8-7**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	20/68	2.8	2.8	–	–	1.0	04	011A	11	15	001	–	–	2.8	15
TI	20R8-7	BPAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	0B/27	2.6	2.6	–	–	1.0	04	011A	09	14	001	–	–	2.6	14
TI	20R8-7	BPAL	LCC	28	P20R8	4.0	1.0	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
National	**20R8A**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
TI	20R8A	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	99/27	1.7	1.7	–	–	1.0	04	011A	02	03	001	–	–	1.7	03
TI	20R8A	PAL	SO	24	P20R8	4.0	1.0	3.2	1.0	1.0	099/827	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8A/A-2/B/B-2	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	22/27	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20R8A/A-2/B/B-2	PAL	SO	24	P20R8	4.0	1.0	3.2	1.0	1.0	022/827	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
National	**20R8B**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	95/27	3.0	3.0	–	–	1.0	04	011A	14	15	001	–	–	3.0	15
National	**20R8D**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.0	04	012	03	–	–	–	–	2.8	15
National	**20R8D**	PAL	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	07/27	2.8	2.8	–	–	1.2	04	012	03	–	–	–	–	2.8	15
Signetics	PLUS20R8	FPLA	DIP	24	P20R8	4.0	1.0	3.2	1.0	1.0	1B/27	2.3	2.3	–	–	1.0	04	011A	08	15	001	–	–	2.3	15
AMD/MMI	20R8-10	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	022/768	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8-10	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	22/68	–	–	–	–	–	04	011B	05	14	006	–	–	–	–
TI	20R8-10	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	3.1	–	1.2	–	–	–	–	–	–	–	–	–
TI	20R8-10	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	16	006	–	–	–	–
TI	20R8-15/-25-FN	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0A1/727	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R8-15/-25-FN	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
TI	20R8-15/-25-NL	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0A1/627	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R8-15/-25-NL	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	A1/27	–	–	–	–	–	04	011B	03	12	007	–	–	–	–
AMD/MMI	**20R8-4**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R8-5	BPAL	LCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R8-5**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	20R8-5	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0AD/727	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
TI	20R8-5	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	AD/27	–	–	–	–	–	04	–	–	16	006	–	–	–	–
AMD/MMI	**20R8-7**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	020/768	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	**20R8-7**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	20/68	–	–	–	–	–	04	011B	05	15	006	–	–	–	–
TI	20R8-7	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	00B/727	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R8-7	BPAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	0B/27	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	20R8A	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	099/727	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	20R8A	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	99/27	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	20R8A-ML	PAL	LCC	20	P20R8C	4.0	3.1	3.2	1.0	2.0	022/926	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–
National	**20R8A-V**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	–	–	–	–	–	–
National	**20R8A-XV**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R8A-XV**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20R8A/A-2/B/-NL	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8A/A-2/B/-NL	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20R8B-2-NL	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	022/727	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8B-2-NL	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	22/27	–	–	–	–	–	04	011B	02	15	007	–	–	–	–
AMD/MMI	20R8B-ML	PAL	LCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	022/927	–	–	2.4	3.0	1.2	–	–	–	–	–	–	–	–	–
National	**20R8B-V**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	095/627	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R8B-V**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**20R8B-XV**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	095/727	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
National	**20R8B-XV**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	95/27	–	–	–	–	–	04	–	–	15	007	–	–	–	–
National	**20R8D**	PAL	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R8	FPLA	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	01B/627	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS20R8	FPLA	PLCC	28	P20R8C	4.0	3.1	3.2	1.0	2.0	1B/27	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
AMD/MMI	20R8A/A-2/B/-FN	PAL	PLCC	28	P20R8FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8A/A-2/B/-FN	PAL	PLCC	28	P20R8FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
AMD/MMI	20R8B-2-FN	PAL	PLCC	28	P20R8FNC	4.0	3.2	3.2	–	2.0	022/627	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20R8B-2-FN	PAL	PLCC	28	P20R8FNC	4.0	3.2	3.2	–	2.0	22/27	–	–	–	–	–	04	011B	03	–	–	–	–	–	–
National	**20P8B**	PAL	DIP	24	P20P8	4.0	2.0	3.2	1.0	1.0	95/42	1.5	1.5	–	–	1.0	04	011A	12	–	–	–	–	1.5	–
National	**20P8B-V**	PAL	PLCC	28	P20P8	4.0	2.0	3.2	1.0	1.0	095/742	–	–	3.3	3.3	1.4	–	–	–	–	–	–	–	–	–

BOLD TYPE denotes algorithm changes

BIPOLAR PLDs

CONTINUED

DATA SORTED BY:
Density, Device File, Device, Package, Manufacturer

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
National	**20P8B-V**	PAL	PLCC	28	P20P8	4.0	2.0	3.2	1.0	1.0	95/42	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
National	**20RP4B**	PAL	DIP	24	P20RP4	4.0	2.0	3.2	1.0	1.2	95/97	1.5	1.5	–	–	1.0	04	011A	12	–	–	–	–	1.5	–
National	**20RP6B**	PAL	DIP	24	P20RP6	4.0	2.0	3.2	1.0	1.2	95/97	1.5	1.5	–	–	1.0	04	011A	12	–	–	–	–	1.5	–
National	**20RP8B**	PAL	DIP	24	P20RP8	4.0	2.0	3.2	1.0	1.2	95/97	1.5	1.5	–	–	1.0	04	011A	12	–	–	–	–	1.5	–
AMD/MMI	18P8	AmPAL	DIP	20	P18P8	4.0	1.0	3.2	1.0	1.0	97/29	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	18P8	AmPAL	PLCC	20	P18P8	4.0	1.0	3.2	1.0	1.0	097/729	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	18P8	AmPAL	PLCC	20	P18P8	4.0	1.0	3.2	1.0	1.0	97/29	–	–	–	–	–	04	011B	02	12	006	–	–	–	–
Signetics	PLHS18P8	FPLA	DIP	20	P18P8	4.0	1.0	3.2	1.0	1.0	1A/33	2.1	2.1	–	–	1.1	04	012	01	–	–	–	–	–	–
Signetics	PLHS18P8	FPLA	DIP	20	P18P8	4.0	1.0	3.2	1.0	1.0	3D/33	–	–	–	–	–	04	011A	09	13	001	–	–	–	13
Signetics	PLHS18P8	FPLA	PLCC	20	P18P8	4.0	1.0	3.2	1.0	1.0	01A/733	–	–	2.1	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLHS18P8	FPLA	PLCC	20	P18P8	4.0	1.0	3.2	1.0	1.0	3D/33	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
AMD/MMI	20XRP10	AmPAL	DIP	24	–	–	–	–	–	–	97/0E	–	–	–	–	–	–	–	–	10	001	–	–	–	10
AMD/MMI	20XRP10	AmPAL	DIP	24	–	–	–	–	–	–	97/9F	2.0	2.0	–	–	1.1	04	011A	02	–	–	–	–	2.0	–
AMD/MMI	20XRP10	AmPAL	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	14R21/A	PMS	DIP	24	–	–	–	–	–	–	22/58	–	–	–	–	–	04	011A	10	–	–	–	–	–	–
AMD/MMI	14R21/A	PMS	PLCC	28	–	–	–	–	–	–	22/58	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
AMD/MMI	20RP10	AmPAL	DIP	24	P20ARP10	4.0	2.1	3.2	1.0	1.0	97/9F	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20RP10	AmPAL	PLCC	28	P20ARP10	4.0	2.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RA10	PAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	22/45	1.5	1.5	–	–	1.0	04	011A	09	05	001	–	–	1.5	05
National	**20RA10**	PAL	DIP	24	P20RA10	4.0	2.0	3.2	1.0	2.0	95/45	2.4	2.4	–	–	1.3	04	011A	14	15	001	–	–	2.4	15
AMD/MMI	20RA10	PAL	SO	24	P20RA10	4.0	2.0	3.2	1.0	2.0	022/845	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RA10-FN	PAL	PLCC	28	P20RA10	4.0	2.0	3.2	1.0	2.0	022/645	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20RA10-FN	PAL	PLCC	28	P20RA10	4.0	2.0	3.2	1.0	2.0	22/45	–	–	–	–	–	04	011B	04	14	006	–	–	–	–
AMD/MMI	20RA10-NL	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	022/745	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20RA10-NL	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	22/45	–	–	–	–	–	04	011B	04	14	007	–	–	–	–
National	**20RA10-V**	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	95/45	–	–	–	–	–	04	–	–	15	006	–	–	–	–
National	**20RA10-XV**	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	095/745	–	–	1.6	3.0	–	–	–	–	–	–	–	–	–	–
National	**20RA10-XV**	PAL	PLCC	28	P20RA10C	4.0	3.1	3.2	1.0	2.0	95/45	–	–	–	–	–	04	–	–	15	007	–	–	–	–
AMD/MMI	20XRP8	AmPAL	DIP	24	–	–	–	–	–	–	97/0D	–	–	–	–	–	–	–	–	10	001	–	–	–	10
AMD/MMI	20XRP8	AmPAL	DIP	24	–	–	–	–	–	–	97/9E	2.0	2.0	–	–	1.1	04	011A	02	–	–	–	–	2.0	–
AMD/MMI	20XRP8	AmPAL	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RP8	AmPAL	DIP	24	P20ARP8	4.0	2.1	3.2	1.0	1.0	97/9E	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20RP8	AmPAL	PLCC	28	P20ARP8	4.0	2.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**22IP6**	PAL	DIP	24	P22IP6	4.0	3.0	–	1.0	–	22/6A	2.8	2.8	–	–	1.0	04	011A	12	–	–	–	–	2.8	–
AMD/MMI	**22IP6**	PAL	PLCC	24	P22IP6	4.0	3.0	–	1.0	–	022/76A	–	–	–	3.2	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20S10	PAL	DIP	24	P20S10	4.0	1.1	3.2	1.0	1.0	22/43	1.5	1.5	–	–	1.0	04	011A	01	05	001	–	–	1.5	05
AMD/MMI	20S10	PAL	SO	24	P20S10	4.0	1.1	3.2	1.0	1.0	022/843	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20S10-NL	PAL	PLCC	28	P20S10	4.0	1.1	3.2	1.0	1.0	022/743	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20S10-NL	PAL	PLCC	28	P20S10	4.0	1.1	3.2	1.0	1.0	22/43	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20RS4	PAL	DIP	24	P20RS4	4.0	1.1	3.2	1.0	1.0	22/46	2.0	2.0	–	–	1.0	04	011A	01	05	001	–	–	2.0	05
AMD/MMI	20RS4	PAL	SO	24	P20RS4	4.0	1.1	3.2	1.0	1.0	022/846	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS4-NL	PAL	PLCC	28	P20RS4	4.0	1.1	3.2	1.0	1.0	022/746	–	–	2.0	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS4-NL	PAL	PLCC	28	P20RS4	4.0	1.1	3.2	1.0	1.0	22/46	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20RS10	PAL	DIP	24	P20RS10	4.0	1.1	3.2	1.0	1.0	22/44	2.0	2.0	–	–	1.0	04	011A	01	05	001	–	–	2.0	05
AMD/MMI	20RS10	PAL	SO	24	P20RS10	4.0	1.1	3.2	1.0	1.0	022/844	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS10-NL	PAL	PLCC	28	P20RS10	4.0	1.1	3.2	1.0	1.0	022/744	–	–	2.0	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS10-NL	PAL	PLCC	28	P20RS10	4.0	1.1	3.2	1.0	1.0	22/44	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20RS8	PAL	DIP	24	P20RS8	4.0	1.1	3.2	1.0	1.0	22/44	2.0	2.0	–	–	1.0	04	011A	01	05	001	–	–	2.0	05
AMD/MMI	20RS8	PAL	SO	24	P20RS8	4.0	1.1	3.2	1.0	1.0	022/844	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS8-NL	PAL	PLCC	28	P20RS8	4.0	1.1	3.2	1.0	1.0	022/744	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	20RS8-NL	PAL	PLCC	28	P20RS8	4.0	1.1	3.2	1.0	1.0	22/44	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	20XRP6	AmPAL	DIP	24	–	–	–	–	–	–	97/0C	–	–	–	–	–	–	–	–	10	001	–	–	–	10
AMD/MMI	20XRP6	AmPAL	DIP	24	–	–	–	–	–	–	97/9D	2.0	2.0	–	–	1.1	04	011A	02	–	–	–	–	2.0	–
AMD/MMI	20XRP6	AmPAL	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	82S167	FPLS	DIP	24	F167	4.0	1.0	3.2	1.0	–	99/60	2.5	2.5	–	–	1.0	04	011A	04	11	002	–	–	2.5	12
TI	82S167	FPLS	PLCC	28	F167	4.0	1.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLS166	FPLS	DIP	24	F167	4.0	1.0	3.2	1.0	–	96/60	–	–	–	–	–	04	011A	02	08	002	–	–	–	08
AMD/MMI	PLS167	FPLS	DIP	24	F167	4.0	1.0	3.2	1.0	–	2A/60	2.2	2.2	–	–	1.0	04	011A	04	11	002	–	–	2.2	12
Signetics	PLS167	FPLS	DIP	24	F167	4.0	1.0	3.2	1.0	–	96/60	1.5	1.5	–	–	1.0	04	011A	02	05	002	–	–	1.5	05
Signetics	PLS167	FPLS	PLCC	28	F167	4.0	1.0	3.2	1.0	–	096/760	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS167	FPLS	PLCC	28	F167	4.0	1.0	3.2	1.0	–	96/60	–	–	–	–	–	04	011B	02	12	009	–	–	–	–
AMD/MMI	20RP6	AmPAL	DIP	24	P20ARP6	4.0	2.1	3.2	1.0	1.0	97/9D	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20RP6	AmPAL	PLCC	28	P20ARP6	4.0	2.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20XRP4	AmPAL	DIP	24	–	–	–	–	–	–	97/0B	–	–	–	–	–	–	–	–	10	001	–	–	–	10
AMD/MMI	20XRP4	AmPAL	DIP	24	–	–	–	–	–	–	97/9C	2.0	2.0	–	–	1.1	04	011A	02	–	–	–	–	2.0	–
AMD/MMI	20XRP4	AmPAL	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	20RP4	AmPAL	DIP	24	P20ARP4	4.0	2.1	3.2	1.0	1.0	97/9C	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	20RP4	AmPAL	PLCC	28	P20ARP4	4.0	2.1	3.2	1.0	1.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	82S105	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	82S105A/B	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	99/63	2.8	2.8	–	–	1.0	04	001	06	15	003	–	–	2.8	15
TI	82S105A/B	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	99/63	2.8	2.8	–	–	1.0	04	011A	02	15	003	–	–	2.8	15
TI	82S105A/B	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	99/63	2.8	2.8	–	–	1.0	04	011A	12	15	003	–	–	2.8	15
TI	82S105A/B	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	099/763	–	–	2.8	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	82S105A/B	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	99/63	–	–	–	–	–	04	011B	05	15	008	–	–	–	–
Signetics	PLS104	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/03	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS104	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/63	–	–	–	–	–	04	001	05	01	003	–	–	–	01
Signetics	PLS104	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/63	–	–	–	–	–	04	011A	02	01	003	–	–	–	01
AMD/MMI	PLS105	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	2A/63	2.2	2.2	–	–	1.0	04	011A	04	11	003	–	–	2.2	12
Signetics	PLS105	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/03	–	–	–	–	–	04	001	01	–	–	–	–	–	–
Signetics	PLS105	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/63	1.5	1.5	–	–	1.0	04	001	05	01	003	–	–	1.5	01
Signetics	PLS105	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	96/63	1.5	1.5	–	–	1.0	04	011A	02	01	003	–	–	1.5	01
AMD/MMI	PLS105	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	02A/763	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	PLS105	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	2A/63	–	–	–	–	–	04	011B	03	14	008	–	–	–	–
Signetics	PLS105	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	096/763	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS105	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	96/63	–	–	–	–	–	04	011B	02	12	008	–	–	–	–
Signetics	PLUS105-40	FPLS	DIP	28	F105	4.0	1.0	3.2	1.0	–	1B/63	2.5	2.5	–	–	1.0	04	011A	09	–	–	–	–	2.5	–
Signetics	PLUS105-40	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	01B/763	–	–	3.0	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS105-40	FPLS	PLCC	28	F105	4.0	1.0	3.2	1.0	–	1B/63	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
AMD/MMI	PLS168	FPLS	DIP	24	F168	4.0	2.0	3.2	1.0	–	2A/74	2.2	2.2	–	–	1.0	04	011A	04	11	002	–	–	2.2	12
Signetics	PLS168	FPLS	DIP	24	F168	4.0	2.0	3.2	1.0	–	96/74	1.5	1.5	–	–	1.0	04	001	06	14	002	–	–	1.5	14
Signetics	PLS168	FPLS	DIP	24	F168	4.0	2.0	3.2	1.0	–	96/74	1.5	1.5	–	–	1.0	04	011A	10	14	002	–	–	1.5	14
Signetics	PLS168	FPLS	PLCC	28	F168	4.0	2.0	3.2	1.0	–	096/774	–	–	1.5	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLS168	FPLS	PLCC	28	F168	4.0	2.0	3.2	1.0	–	96/74	–	–	–	–	–	04	011B	04	14	009	–	–	–	–
AMD/MMI	**10020EG8**	PAL	DIP	24	EC20EG8A	4.0	3.0	–	1.0	–	22/6E	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10020EG8**	PAL	PLCC	28	EC20EG8A	4.0	3.0	–	1.0	–	022/76E	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–

Manufacturer	Device	Part Type	Package	Pins	Device File	ABEL-FPGA	ABEL	ABEL-PLD	PLDlinx	PLDtest Plus	Family/Pinout Code	UniSite/Site 40	UniSite/Site 48	UniSite/ChipSite	UniSite/PinSite	2900	29B/LogicPak	LogicPak/303A-	303A-	60A	60A/360A-	212	212/MOD-	HandlerSite	60H
AMD/MMI	**10H20EG8**	PAL	DIP	24	EC20EG8A	4.0	3.0	–	1.0	–	22/6C	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10H20EG8**	PAL	PLCC	28	EC20EG8A	4.0	3.0	–	1.0	–	022/76C	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10020EV8**	PAL	DIP	24	EC20EV8A	4.0	2.1	–	1.0	2.0	22/6D	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	10020EV8	FPLA	DIP	24	EC20EV8A	4.0	2.1	–	1.0	2.0	140/06D	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10020EV8**	PAL	PLCC	28	EC20EV8A	4.0	2.1	–	1.0	2.0	022/76D	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
Signetics	10020EV8	FPLA	PLCC	28	EC20EV8A	4.0	2.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10H20EV8**	PAL	DIP	24	EC20EV8A	4.0	2.1	–	1.0	2.0	22/6B	3.0	3.0	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	10H20EV8	FPLA	DIP	24	EC20EV8A	4.0	2.1	–	1.0	2.0	140/13B	2.7	2.7	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**10H20EV8**	PAL	PLCC	28	EC20EV8A	4.0	2.1	–	1.0	2.0	022/76B	–	–	3.0	3.0	–	–	–	–	–	–	–	–	–	–
Signetics	10H20EV8	FPLA	PLCC	28	EC20EV8A	4.0	2.1	–	1.0	2.0	140/13C	–	–	2.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	22RX8/A	PAL	DIP	24	P22RX8A	4.0	2.1	–	1.0	1.0	22/78	1.7	1.7	–	–	1.0	04	011A	01	10	001	–	–	1.7	10
AMD/MMI	22RX8/A	PAL	SO	24	P22RX8A	4.0	2.1	–	1.0	1.0	022/878	–	–	1.7	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	22RX8/A-FN	PAL	PLCC	28	P22RX8A	4.0	2.1	–	1.0	1.0	022/778	–	–	1.7	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	22RX8/A-FN	PAL	PLCC	28	P22RX8A	4.0	2.1	–	1.0	1.0	22/78	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
AMD/MMI	22RX8/A-NL	PAL	PLCC	28	P22RX8A	4.0	2.1	–	1.0	1.0	022/678	–	–	2.4	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	22RX8/A-NL	PAL	PLCC	28	P22RX8A	4.0	2.1	–	1.0	1.0	22/78	–	–	–	–	–	04	011B	01	12	007	–	–	–	–
AMD/MMI	22XP10	AmPAL	DIP	24	–	–	–	–	–	–	97/2B	2.0	2.0	–	–	1.1	04	011A	02	–	–	–	–	2.0	–
AMD/MMI	22XP10	AmPAL	DIP	24	–	–	–	–	–	–	97/2C	–	–	–	–	–	–	–	–	10	001	–	–	–	10
AMD/MMI	22XP10	AmPAL	PLCC	28	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	22P10	AmPAL	DIP	24	P22AP10	4.0	2.1	3.2	1.0	1.0	97/2B	2.0	2.0	–	–	1.1	04	011A	02	10	001	–	–	2.0	10
AMD/MMI	22P10	AmPAL	PLCC	28	P22AP10	4.0	2.1	3.2	1.0	1.0	097/72B	–	–	2.5	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	22P10	AmPAL	PLCC	28	P22AP10	4.0	2.1	3.2	1.0	1.0	97/2B	–	–	–	–	–	04	011B	04	15	006	–	–	–	–
Gazelle	405	PAL	DIP	28	F405	4.0	3.0	–	1.0	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Signetics	PLUS405	FPLS	DIP	28	F405	4.0	3.0	–	1.0	–	1B/79	2.6	2.6	–	–	1.0	04	011A	09	–	–	–	–	–	–
Signetics	PLUS405	FPLS	PLCC	28	F405	4.0	3.0	–	1.0	–	01B/779	–	–	2.6	3.0	1.1	–	–	–	–	–	–	–	–	–
Signetics	PLUS405	FPLS	PLCC	28	F405	4.0	3.0	–	1.0	–	1B/79	–	–	–	–	–	04	011B	04	–	–	–	–	–	–
Gazelle	22V10	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	22V10-10	PAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	97/28	3.1	3.1	–	–	1.2	04	011A	12	–	–	–	–	–	–
TI	22V10/A/B-15	BPAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	99/28	2.2	2.2	–	–	1.0	04	011A	02	14.1	001	–	–	2.2	14.1
AMD/MMI	22V10/A/B/-15	AmPAL	DIP	24	P22V10	4.0	1.0	3.2	1.0	1.2	97/28	2.0	2.0	–	–	1.0	04	011A	01	03	001	–	–	2.0	03
AMD/MMI	22V10-10	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	097/728	–	–	3.1	3.1	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	22V10-10	PAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	97/28	–	–	–	–	–	04	011B	05	–	–	–	–	–	–
TI	22V10/A/B-15-FN	BPAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	099/728	–	–	2.2	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	22V10/A/B-15-FN	BPAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	99/28	–	–	–	–	–	04	011B	02	14.1	006	–	–	–	–
AMD/MMI	22V10/A/B/-15	AmPAL	LCC	28	P22V10C	4.0	3.1	–	1.0	2.0	097/728	–	–	2.5	3.0	1.2	–	–	–	–	–	–	–	–	–
AMD/MMI	22V10/A/B/-15	AmPAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	097/728	–	–	2.0	3.0	1.1	–	–	–	–	–	–	–	–	–
AMD/MMI	22V10/A/B/-15	AmPAL	PLCC	28	P22V10C	4.0	3.1	–	1.0	2.0	97/28	–	–	–	–	–	04	011B	01	12	006	–	–	–	–
Gazelle	22VP10	PAL	DIP	24	P22VP10	4.0	3.0	3.2	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TI	22VP10	BPAL	DIP	24	P22VP10	4.0	3.0	3.2	1.0	2.0	99/98	2.2	2.2	–	–	1.0	04	011A	04	11	001	–	–	2.2	12
TI	22VP10-FN	BPAL	PLCC	28	P22VP10C	4.0	3.1	–	1.0	2.0	099/798	–	–	2.3	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	22VP10-FN	BPAL	PLCC	28	P22VP10C	4.0	3.1	–	1.0	2.0	99/98	–	–	–	–	–	04	011B	02	–	–	–	–	–	–
TI	22VP10-NL	BPAL	PLCC	28	P22VP10C	4.0	3.1	–	1.0	2.0	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	23S8	AmPAL	DIP	20	P23S8	4.0	3.0	–	1.0	–	97/84	2.2	2.2	–	–	1.0	04	011A	04	11	001	–	–	2.2	12
Gazelle	23SV8	PAL	DIP	20	P23SV8	4.0	3.2	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	**30S16**	PLC	DIP	28	F30S16	4.0	4.0	–	–	–	97/A9	2.6	2.6	–	–	1.3	–	–	–	–	–	–	–	2.6	–
AMD/MMI	**30S16**	PLC	PLCC	28	F30S16	4.0	4.0	–	–	–	097/7A9	–	–	3.2	3.2	1.3	–	–	–	–	–	–	–	–	–
TI	507	PSG	DIP	24	F507	4.0	3.0	–	–	–	99/7B	2.5	2.5	–	–	1.0	04	011A	09	13	002	–	–	2.5	13
TI	507	PSG	PLCC	28	F507	4.0	3.0	–	–	–	099/77B	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	507	PSG	PLCC	28	F507	4.0	3.0	–	–	–	99/7B	–	–	–	–	–	04	011B	04	13	006	–	–	–	–
AMD/MMI	30K12	PLS	DIP	28	F30K12	4.0	3.2	3.2	–	–	97/A8	2.6	2.6	–	–	1.0	–	–	–	–	–	–	–	2.6	–
AMD/MMI	32R16	PAL	DIP	40	–	–	–	–	–	–	22/47	2.0	2.0	–	–	–	04	008A	02	–	–	–	–	2.0	–
AMD/MMI	32R16	PAL	PLCC	44	–	–	–	–	–	–	022/747	–	–	2.0	3.0	–	–	–	–	–	–	–	–	–	–
AMD/MMI	32R16	PAL	PLCC	44	–	–	–	–	–	–	22/47	–	–	–	–	–	04	008B	02	–	–	–	–	–	–
AMD/MMI	29PL142	FPC	DIP	28	–	–	–	–	–	–	97/76	2.2	2.2	–	–	1.0	04	FPC	02	–	–	–	–	2.2	–
AMD/MMI	**32VX10/A**	PAL	DIP	24	P32VX10A	4.0	3.0	–	–	–	22/77	1.5	1.5	–	–	1.0	04	011A	02	10	001	–	–	1.5	10
AMD/MMI	**32VX10/A**	PAL	PLCC	28	P32VX10A	4.0	3.0	–	–	–	22/77	–	–	–	–	–	04	011B	01	–	–	–	–	–	–
AMD/MMI	**32VX10/A**	PAL	SO	24	P32VX10A	4.0	3.0	–	–	–	022/877	–	–	1.5	3.0	–	–	–	–	–	–	–	–	–	–
TI	506	FPLS	DIP	24	F506	4.0	3.0	–	1.0	–	99/7A	2.5	2.5	–	–	1.0	04	011A	09	13	002	–	–	2.5	13
TI	506	FPLS	PLCC	28	F506	4.0	3.0	–	1.0	–	099/77A	–	–	2.7	3.0	1.1	–	–	–	–	–	–	–	–	–
TI	506	FPLS	PLCC	28	F506	4.0	3.0	–	1.0	–	99/7A	–	–	–	–	–	–	–	–	13	006	–	–	–	–
AMD/MMI	64R32	PAL	LCC	84	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
AMD/MMI	64R32	PAL	PGA	88	–	–	–	–	–	–	–/–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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Intel	27C128	EPROM	4A
Intel	27C202	EPROM	4B
Intel	27C203	EPROM	4B
Intel	27C210	EPROM	7A
Intel	27C213	EPROM	7A
Intel	27C220	EPROM	7B
Intel	27C240	EPROM	7B
Intel	27C256	EPROM	5A
Intel	27C256-M+	EPROM	5A
Intel	27C256A	EPROM	5A
Intel	27C400	EPROM	7B
Intel	27C512	EPROM	6A
Intel	27C64	EPROM	3B
Intel	27C64-M+	EPROM	3B
Intel	27C800	EPROM	7B
Intel	27F256	FLASH Memory	2B
Intel	27F64	FLASH Memory	2B
Intel	2815	EEPROM	9A
Intel	2816	EEPROM	9A
Intel	2816A	EEPROM	9A
Intel	2817A	EEPROM	9B
Intel	2864A	EEPROM	10A
Intel	28F010	FLASH Memory	2B
Intel	28F020	FLASH Memory	2B
Intel	28F256-P1	FLASH Memory	2B
Intel	28F256-P2	FLASH Memory	2B
Intel	28F256A	FLASH Memory	2B
Intel	28F512	FLASH Memory	2B
Intel	5AC312	CMOS PLD	17A
Intel	5AC324	CMOS PLD	17B
Intel	5C031	CMOS PLD	16B
Intel	5C032	CMOS PLD	16B
Intel	5C060	CMOS PLD	17A
Intel	5C090	CMOS PLD	17A
Intel	5C121	CMOS PLD	17A
Intel	5C180	CMOS PLD	17B
Intel	68C257	EPROM	5B
Intel	85C060	CMOS PLD	17A
Intel	85C090	CMOS PLD	17A
Intel	85C220	CMOS PLD	16B
Intel	85C224	CMOS PLD	16B
Intel	85C508	CMOS PLD	16A
Intel	8741	Microcontroller	1A
Intel	8741A	Microcontroller	1A
Intel	8741AH	Microcontroller	1A
Intel	8742	Microcontroller	1A
Intel	8742AH	Microcontroller	1A
Intel	8744	Microcontroller	1A
Intel	8744H	Microcontroller	1A
Intel	8748	Microcontroller	1A
Intel	8748H	Microcontroller	1A
Intel	8749H	Microcontroller	1A
Intel	8751	Microcontroller	1A
Intel	8751BH	Microcontroller	1A
Intel	8751H	Microcontroller	1A
Intel	8752BH	Microcontroller	1B
Intel	8755A	Microcontroller	1A
Intel	8795BH	Microcontroller	1B
Intel	8796BH	Microcontroller	1B
Intel	8797BH	Microcontroller	1B
Intel	8797JF	Microcontroller	1B
Intel	8798	Microcontroller	1B
Intel	87C196KB	Microcontroller	2A
Intel	87C196KC	Microcontroller	2A
Intel	87C257	EPROM	5B
Intel	87C452	Microcontroller	1B
Intel	87C51	Microcontroller	1A
Intel	87C51FA	Microcontroller	1B
Intel	87C51FB	Microcontroller	1B
Intel	87C51FC	Microcontroller	2A
Intel	87C51GB	Microcontroller	1B
Intel	87C54	Microcontroller	1A
Intel	87C64	EPROM	4A
Intel	87C75PF	Microcontroller	2A
Intel	P27128A	EPROM	4B
Intel	P27256	EPROM	5B
Intel	P2732A	EPROM	3B
Intel	P2764A	EPROM	4A
Intel	P27C128	EPROM	4A
Intel	P27C256	EPROM	5B
Intel	P27C64	EPROM	4A
Intel	P8741AH	Microcontroller	1A
Intel	P8742AH	Microcontroller	1A
Intel	P8748H	Microcontroller	1A
Intel	P8749H	Microcontroller	1A
Intel	P87C64	EPROM	4A
Intersil	5610	Bipolar PROM	11B
Intersil	6716	EPROM	3A
Lattice	16V8	EECMOS PLD	15A
Lattice	16V8A	EECMOS PLD	15A
Lattice	16V8B	EECMOS PLD	15A
Lattice	16VP8	EECMOS PLD	15A
Lattice	16Z8	EECMOS PLD	15A
Lattice	18V10	EECMOS PLD	15B
Lattice	20RA10UES	EECMOS PLD	15B
Lattice	20V8	EECMOS PLD	15A
Lattice	20V8A	EECMOS PLD	15A
Lattice	20V8B	EECMOS PLD	15A
Lattice	20VP8	EECMOS PLD	15A
Lattice	22V10	EECMOS PLD	15B
Lattice	22V10B	EECMOS PLD	15B
Lattice	22V10BUES	EECMOS PLD	15B
Lattice	22V10UES	EECMOS PLD	15B
Lattice	26CV12	EECMOS PLD	15B
Lattice	6001	EECMOS PLD	15B
Lattice	EE64K8	EEPROM	11A
Matsushita	27128	EPROM	4A
Matsushita	2764	EPROM	3B
Microchip	16C54	Microcontroller	1A
Microchip	16C55	Microcontroller	1A
Microchip	16C56	Microcontroller	1A
Microchip	16C57	Microcontroller	1A
Microchip	24C01/A	EEPROM	9A
Microchip	24C02/A	EEPROM	9A
Microchip	24C04/A	EEPROM	9A
Microchip	27256	EPROM	4B
Microchip	27C128	EPROM	4A
Microchip	27C256	EPROM	5A
Microchip	27C512	EPROM	6A
Microchip	27C513	EPROM	6A
Microchip	27C515	EPROM	6A
Microchip	27C64	EPROM	3B
Microchip	27HC1616	EPROM	5B
Microchip	27HC191	CMOS PROM	8A
Microchip	27HC256	EPROM	5B
Microchip	27HC291	CMOS PROM	8A
Microchip	27HC64	EPROM	3B
Microchip	27HC641	CMOS PROM	8B
Microchip	28C04/A	EEPROM	9A
Microchip	28C16/A	EEPROM	9B
Microchip	28C17/A	EEPROM	9B
Microchip	28C256	EEPROM	11A
Microchip	28C64/A	EEPROM	10B
Microchip	28CP256	EEPROM	11A
Microchip	28CP64	EEPROM	10B
Microchip	28HC16	EEPROM	9B
Microchip	28HC17	EEPROM	9B
Microchip	59C11	EEPROM	9A
Microchip	85C72	EEPROM	9A
Microchip	85C82	EEPROM	9A
Microchip	93C06	EEPROM	9A
Microchip	93C46	EEPROM	9A
Mikroelektronik	2716	EPROM	3A
Mikroelektronik	2732	EPROM	3A
Mikroelektronik	555	EPROM	3A
Mitsubishi Elec.	2708	EPROM	3A
Mitsubishi Elec.	27128	EPROM	4A
Mitsubishi Elec.	2716	EPROM	3A
Mitsubishi Elec.	27256	EPROM	4B
Mitsubishi Elec.	2732	EPROM	3A
Mitsubishi Elec.	2764	EPROM	3A
Mitsubishi Elec.	27512	EPROM	5B
Mitsubishi Elec.	27C100	EPROM	6B
Mitsubishi Elec.	27C100-PG	EPROM	6B
Mitsubishi Elec.	27C101	EPROM	7A
Mitsubishi Elec.	27C101-PG	EPROM	7A
Mitsubishi Elec.	27C102	EPROM	7A
Mitsubishi Elec.	27C102-PG	EPROM	7A
Mitsubishi Elec.	27C128	EPROM	4A
Mitsubishi Elec.	27C201	EPROM	7B
Mitsubishi Elec.	27C201-PG	EPROM	7B
Mitsubishi Elec.	27C202	EPROM	7B
Mitsubishi Elec.	27C202-PG	EPROM	7B
Mitsubishi Elec.	27C256	EPROM	5A
Mitsubishi Elec.	27C256A	EPROM	5A
Mitsubishi Elec.	27C401	EPROM	7B
Mitsubishi Elec.	27C402	EPROM	7B
Mitsubishi Elec.	27C512A	EPROM	6A
Mitsubishi Elec.	37410E6FP	Microcontroller	1B
Mitsubishi Elec.	37450E8	Microcontroller	1B
Mitsubishi Elec.	37470E8	Microcontroller	1B
Mitsubishi Elec.	37471E8	Microcontroller	1B
Mitsubishi Elec.	37700E2	Microcontroller	2A
Mitsubishi Elec.	37700E4	Microcontroller	2A
Mitsubishi Elec.	37796E4	Microcontroller	2A
Mitsubishi Elec.	4128-F3	Memory Cards	2A
Mitsubishi Elec.	4128-F4	Memory Cards	2A
Mitsubishi Elec.	41M0-F1	Memory Cards	2A
Mitsubishi Elec.	41M0-F2	Memory Cards	2A
Mitsubishi Elec.	41M1-F1	Memory Cards	2A
Mitsubishi Elec.	41M1-F2	Memory Cards	2A
Mitsubishi Elec.	4256-F3	Memory Cards	2A
Mitsubishi Elec.	4256-F4	Memory Cards	2A
Mitsubishi Elec.	4257-F3	Memory Cards	2A
Mitsubishi Elec.	4257-F4	Memory Cards	2A
Mitsubishi Elec.	42M0-F1	Memory Cards	2A
Mitsubishi Elec.	42M0-F2	Memory Cards	2A
Mitsubishi Elec.	42M1-F1	Memory Cards	2A
Mitsubishi Elec.	42M1-F2	Memory Cards	2A
Mitsubishi Elec.	4512-F3	Memory Cards	2A
Mitsubishi Elec.	4512-F4	Memory Cards	2A
Mitsubishi Elec.	4513-F3	Memory Cards	2A
Mitsubishi Elec.	4513-F4	Memory Cards	2A
Mitsubishi Elec.	50727E	Microcontroller	1B
Mitsubishi Elec.	50746E	Microcontroller	1B
Mitsubishi Elec.	50747E	Microcontroller	1B
Mitsubishi Elec.	50927E	Microcontroller	1B
Mitsubishi Elec.	54700A	Bipolar PROM	11B
Mitsubishi Elec.	54701A	Bipolar PROM	11B
Mitsubishi Elec.	54730A	Bipolar PROM	11B
Mitsubishi Elec.	54731A	Bipolar PROM	11B
Mitsubishi Elec.	54740A	Bipolar PROM	12B
Mitsubishi Elec.	54741A	Bipolar PROM	12B
Mitsubishi Plas.	0016EEBOC20	Memory Cards	2A
Mitsubishi Plas.	0016EEBSC20	Memory Cards	2A
Mitsubishi Plas.	0064EEBHN30	Memory Cards	2A
Mitsubishi Plas.	0064EEPHC25	Memory Cards	2A
Mitsubishi Plas.	0064EP10N15	Memory Cards	2A
Mitsubishi Plas.	0128EEBH030	Memory Cards	2A
Mitsubishi Plas.	0128EEPHD25	Memory Cards	2A
Mitsubishi Plas.	0256EEPHC21	Memory Cards	2A
Mitsubishi Plas.	0256EP1FC20	Memory Cards	2A
Mitsubishi Plas.	0512EEPHD21	Memory Cards	3A
Mitsubishi Plas.	0512EP1FC22	Memory Cards	2A
Mitsubishi Plas.	1024EP1HC25	Memory Cards	2A
Mostek	2716	EPROM	3A
Motorola	10139	Bipolar PROM	12A
Motorola	10149AL10	Bipolar PROM	11B
Motorola	10149L10	Bipolar PROM	11B
Motorola	10149L25	Bipolar PROM	11B
Motorola	2708	EPROM	3A
Motorola	2808	EEPROM	9A
Motorola	2816	EEPROM	9A
Motorola	2817	EEPROM	9A
Motorola	2832	EEPROM	9A
Motorola	67256	EPROM	5B
Motorola	67259	EPROM	5B
Motorola	6836E16	EEPROM	9A
Motorola	68701	Microcontroller	1A
Motorola	68701U4	Microcontroller	1A
Motorola	68704P2	Microcontroller	1A
Motorola	68705F2	Microcontroller	1A
Motorola	68705G2	Microcontroller	1A
Motorola	68705P3	Microcontroller	1A
Motorola	68705P5	Microcontroller	1A
Motorola	68705R3	Microcontroller	1A
Motorola	68705R5	Microcontroller	1A
Motorola	68705U3	Microcontroller	1A
Motorola	68705U5	Microcontroller	1A
Motorola	68708	EPROM	3A
Motorola	68732-0	EPROM	3A
Motorola	68732-1	EPROM	3A
Motorola	68764	EPROM	4A
Motorola	68766	EPROM	4A
Motorola	68769	EPROM	4A
Motorola	68HC11A1-FN	Microcontroller	1A
Motorola	68HC11A8-FN	Microcontroller	1A
Motorola	68HC705B5	Microcontroller	1B
Motorola	68HC705C8	Microcontroller	1A
Motorola	68HC705C8-FN	Microcontroller	1A
Motorola	68HC805B6-FN	Microcontroller	1B
Motorola	68HC805C4	Microcontroller	1B
Motorola	68HC805C4-FN	Microcontroller	1B
Motorola	68HC811A2	Microcontroller	1A
Motorola	68HC811A2-FN	Microcontroller	1A
Motorola	68HC811E2-FN	Microcontroller	1A
Motorola	76161	Bipolar PROM	13B
Motorola	76165	Bipolar PROM	13B
Motorola	7621	Bipolar PROM	12A
Motorola	7641	Bipolar PROM	12B
Motorola	7643	Bipolar PROM	12B
Motorola	7649	Bipolar PROM	12B
Motorola	7681	Bipolar PROM	13A
Motorola	7685	Bipolar PROM	13A
Motorola	TMS2716	EPROM	3A
National	10012C4	Bipolar PLD	19B
National	10016C4	Bipolar PLD	21A
National	10016P4	Bipolar PLD	21A
National	10016P8	Bipolar PLD	21A
National	10016PE8	Bipolar PLD	21A
National	10016RD8	Bipolar PLD	21A
National	10016RM4	Bipolar PLD	21A
National	1012C4	Bipolar PLD	19B
National	1016C4	Bipolar PLD	21A
National	1016P4	Bipolar PLD	21A
National	1016P8	Bipolar PLD	21A
National	1016PE8	Bipolar PLD	21A
National	1016RD8	Bipolar PLD	21A
National	1016RM4	Bipolar PLD	21A
National	10E149	Bipolar PROM	11B
National	10H8/A/A2	Bipolar PLD	18A
National	10H8/A2	Bipolar PLD	18A
National	10L8/A/A2	Bipolar PLD	18A
National	10L8/A2	Bipolar PLD	18A
National	12H6/A/A2	Bipolar PLD	18A
National	12H6/A2	Bipolar PLD	18A
National	12L10/A	Bipolar PLD	18A
National	12L10/A-V	Bipolar PLD	18A
National	12L10/A-XV	Bipolar PLD	18A
National	12L6/A/A2	Bipolar PLD	18A
National	12L6/A2	Bipolar PLD	18A
National	14H4/A/A2	Bipolar PLD	18A
National	14H4/A2	Bipolar PLD	18A
National	14L4/A/A2	Bipolar PLD	18A
National	14L4/A2	Bipolar PLD	18A
National	14L8/A	Bipolar PLD	18B
National	14L8/A-V	Bipolar PLD	18B
National	14L8/A-XV	Bipolar PLD	18B
National	16C1/A/A2	Bipolar PLD	18A
National	16C1/A2	Bipolar PLD	18A
National	16H2/A/A2	Bipolar PLD	18A
National	16H2/A2	Bipolar PLD	18A
National	16L2/A/A2	Bipolar PLD	18A
National	16L2/A2	Bipolar PLD	18A
National	16L6/A	Bipolar PLD	18B
National	16L6/A-V	Bipolar PLD	18B
National	16L6/A-XV	Bipolar PLD	18B
National	16L8-7	Bipolar PLD	19B
National	16L8/A/A2	Bipolar PLD	19B
National	16L8B	Bipolar PLD	19B
National	16L8B/B2	Bipolar PLD	19B
National	16L8D	Bipolar PLD	19B
National	16R4-7	Bipolar PLD	20A
National	16R4/A/A2	Bipolar PLD	20A
National	16R4B	Bipolar PLD	20A
National	16R4B/B2	Bipolar PLD	20A
National	16R4D	Bipolar PLD	20A
National	16R6-7	Bipolar PLD	20A
National	16R6/A/A2	Bipolar PLD	20B
National	16R6B	Bipolar PLD	20B
National	16R6B/B2	Bipolar PLD	20B
National	16R6D	Bipolar PLD	20B
National	16R8-7	Bipolar PLD	20B
National	16R8/A/A2	Bipolar PLD	20B
National	16R8B	Bipolar PLD	20B
National	16R8B/B2	Bipolar PLD	20B
National	16R8D	Bipolar PLD	21A
National	16RA8	Bipolar PLD	21A
National	16V8	EECMOS PLD	15A
National	16Z8	EECMOS PLD	15A
National	18L4/A	Bipolar PLD	18B
National	18L4/A-V	Bipolar PLD	18B
National	18L4/A-XV	Bipolar PLD	18B
National	18V10	EECMOS PLD	15B
National	18V8A	EECMOS PLD	15A
National	20C1	Bipolar PLD	18B
National	20C1-V	Bipolar PLD	18B
National	20C1-XV	Bipolar PLD	18B
National	20L10/A	Bipolar PLD	19A
National	20L10/A-XV	Bipolar PLD	19A
National	20L10A-V	Bipolar PLD	19A
National	20L2/A	Bipolar PLD	18B
National	20L2/A-V	Bipolar PLD	18B
National	20L2/A-XV	Bipolar PLD	18B
National	20L8A	Bipolar PLD	22A
National	20L8A-V	Bipolar PLD	21B
National	20L8A-XV	Bipolar PLD	21B
National	20L8B	Bipolar PLD	21B
National	20L8B-V	Bipolar PLD	22A
National	20L8B-XV	Bipolar PLD	22A
National	20L8D	Bipolar PLD	21B
National	20P8B	Bipolar PLD	22B
National	20P8B-V	Bipolar PLD	23A
National	20R4A	Bipolar PLD	22A
National	20R4A-V	Bipolar PLD	22A
National	20R4A-XV	Bipolar PLD	22A
National	20R4B	Bipolar PLD	22A
National	20R4B-V	Bipolar PLD	22A
National	20R4B-XV	Bipolar PLD	22A
National	20R4D	Bipolar PLD	22A
National	20R6A	Bipolar PLD	22A
National	20R6A-V	Bipolar PLD	22B
National	20R6A-XV	Bipolar PLD	22B
National	20R6B	Bipolar PLD	22A
National	20R6B-V	Bipolar PLD	22B
National	20R6B-XV	Bipolar PLD	22B
National	20R6D	Bipolar PLD	22A
National	20R8A	Bipolar PLD	22B
National	20R8A-V	Bipolar PLD	22B
National	20R8A-XV	Bipolar PLD	22B
National	20R8B	Bipolar PLD	22B
National	20R8B-V	Bipolar PLD	22B
National	20R8B-XV	Bipolar PLD	22B
National	20R8D	Bipolar PLD	22B
National	20RA10	Bipolar PLD	23A
National	20RA10	EECMOS PLD	15B
National	20RA10-V	Bipolar PLD	23A
National	20RA10-V	EECMOS PLD	15B
National	20RA10-XV	Bipolar PLD	23A
National	20RP4B	Bipolar PLD	23A
National	20RP6B	Bipolar PLD	23A
National	20RP8B	Bipolar PLD	23A
National	20V8	EECMOS PLD	15A
National	20V8A	EECMOS PLD	15A
National	20X10	Bipolar PLD	19A
National	20X10-XV	Bipolar PLD	19A
National	20X10A	Bipolar PLD	19A
National	20X10A-V	Bipolar PLD	19A
National	20X10A-XV	Bipolar PLD	19A
National	20X4	Bipolar PLD	19A
National	20X4-XV	Bipolar PLD	19A
National	20X4A	Bipolar PLD	19A
National	20X4A-V	Bipolar PLD	19A
National	20X4A-XV	Bipolar PLD	19A
National	20X8	Bipolar PLD	19A
National	20X8-XV	Bipolar PLD	19A
National	20X8A	Bipolar PLD	19A
National	20X8A-V	Bipolar PLD	19A
National	20X8A-XV	Bipolar PLD	19A
National	22V10	EECMOS PLD	15B
National	22V10-V	EECMOS PLD	15B
National	22V10UES	EECMOS PLD	15B
National	2532	EPROM	3A
National	2708	EPROM	3A
National	2716	EPROM	3A
National	2732	EPROM	3A
National	2758A	EPROM	3A
National	2758B	EPROM	3A
National	27C010	EPROM	6B
National	27C1024	EPROM	7A
National	27C128	EPROM	4A
National	27C128B	EPROM	4B
National	27C16	EPROM	3A
National	27C16B	EPROM	3A
National	27C16H	EPROM	3A
National	27C256	EPROM	5A
National	27C256B	EPROM	5A
National	27C32	EPROM	3A
National	27C32B	EPROM	3A
National	27C32H	EPROM	3A
National	27C512	EPROM	6A
National	27C512A	EPROM	6A
National	27C58A	CMOS PROM	8A
National	27C58B	CMOS PROM	8A
National	27C64	EPROM	3B
National	27C64B	EPROM	3B
National	27CP128	EPROM	4B
National	2816	EEPROM	9A
National	2864	EEPROM	10A
National	46083	Microcontroller	2A
National	48F010	FLASH Memory	2B
National	48F512	FLASH Memory	2B
National	54S188	Bipolar PROM	11B
National	54S287	Bipolar PROM	11B
National	54S288	Bipolar PROM	11B
National	54S472	Bipolar PROM	12B
National	54S473	Bipolar PROM	12B
National	54S474	Bipolar PROM	12B
National	54S475	Bipolar PROM	12B
National	54S570	Bipolar PROM	12A
National	54S571	Bipolar PROM	12A
National	54S572	Bipolar PROM	12B
National	54S573	Bipolar PROM	12B
National	6001	EECMOS PLD	15B
National	74LS471	Bipolar PROM	12A
National	74S188	Bipolar PROM	11B
National	74S287	Bipolar PROM	11B
National	74S288	Bipolar PROM	11B
National	74S472	Bipolar PROM	12B
National	74S473	Bipolar PROM	12B
National	74S474	Bipolar PROM	12B
National	74S475	Bipolar PROM	12B
National	74S570	Bipolar PROM	12A
National	74S571	Bipolar PROM	12A
National	74S572	Bipolar PROM	12B
National	74S573	Bipolar PROM	12B
National	77S180	Bipolar PROM	13A
National	77S181	Bipolar PROM	13A
National	77S184	Bipolar PROM	13A
National	77S185	Bipolar PROM	13A
National	77S190	Bipolar PROM	13B
National	77S191	Bipolar PROM	13B
National	77S195	Bipolar PROM	13B
National	77S280	Bipolar PROM	13A
National	77S281	Bipolar PROM	13A
National	77S290	Bipolar PROM	13B
National	77S291	Bipolar PROM	13B
National	77S295	Bipolar PROM	12B
National	77S296	Bipolar PROM	12B
National	77S321	Bipolar PROM	13C
National	77S421	Bipolar PROM	13C
National	77SR181	Bipolar PROM	13A
National	77SR183	Bipolar PROM	13A
National	77SR191	Bipolar PROM	13B
National	77SR193	Bipolar PROM	13B
National	77SR25	Bipolar PROM	12B
National	77SR27	Bipolar PROM	12B
National	77SR474	Bipolar PROM	12B
National	77SR476	Bipolar PROM	12C
National	77X288	Bipolar PROM	11B
National	842	Microcontroller	1B
National	8640	Microcontroller	1A
National	87C010	EPROM	7B
National	87C512A	EPROM	6B
National	87S180	Bipolar PROM	13A
National	87S181	Bipolar PROM	13A
National	87S184	Bipolar PROM	13A
National	87S185	Bipolar PROM	13A
National	87S190	Bipolar PROM	13C
National	87S191	Bipolar PROM	13C
National	87S195	Bipolar PROM	13C
National	87S280	Bipolar PROM	13A
National	87S281	Bipolar PROM	13A
National	87S290	Bipolar PROM	13C
National	87S291	Bipolar PROM	13C
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TI	20X4-FN	Bipolar PLD	19A
TI	20X4-NL	Bipolar PLD	19A
TI	20X8	Bipolar PLD	19A
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TI	24S41	Bipolar PROM	12A
TI	24S81	Bipolar PROM	12C
TI	24SA10	Bipolar PROM	11B
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TI	2516	EPROM	3A
TI	2532	EPROM	3A
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TI	2732A-HS	EPROM	3A
TI	27512	EPROM	6A
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TI	27C291	CMOS PROM	8A
TI	27C292	CMOS PROM	8A
TI	27C32	EPROM	3A
TI	27C49	CMOS PROM	8A
TI	27C512	EPROM	6A
TI	27C64	EPROM	3B
TI	27L08	EPROM	3A
TI	27P32A	EPROM	3A
TI	27P64	EPROM	4A
TI	27PC128	EPROM	4B
TI	27PC256	EPROM	5B
TI	27PC32	EPROM	3A
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TI	28L22	Bipolar PROM	12A
TI	28L42	Bipolar PROM	12B
TI	28L45	Bipolar PROM	12B
TI	28L85	Bipolar PROM	12C
TI	28L86	Bipolar PROM	12C
TI	28LA22	Bipolar PROM	12A
TI	28P166	Bipolar PROM	13B
TI	28P42	Bipolar PROM	12B
TI	28P45	Bipolar PROM	12B
TI	28P85	Bipolar PROM	12C
TI	28S166	Bipolar PROM	13B
TI	28S2708	Bipolar PROM	12C
TI	28S42	Bipolar PROM	12B
TI	28S45	Bipolar PROM	12B
TI	28S46	Bipolar PROM	12B
TI	28S85	Bipolar PROM	12C
TI	28S86	Bipolar PROM	12C
TI	28SA166	Bipolar PROM	13B
TI	28SA42	Bipolar PROM	12B
TI	28SA46	Bipolar PROM	12B
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TI	34SA10	Bipolar PROM	11B
TI	34SA12	Bipolar PROM	11B
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TI	34SA41	Bipolar PROM	12B
TI	34SA42	Bipolar PROM	12B
TI	34SR165	Bipolar PROM	13B
TI	34SR167	Bipolar PROM	13B
TI	38L030	Bipolar PROM	11B
TI	38L032	Bipolar PROM	11B
TI	38L165	Bipolar PROM	13B
TI	38L166	Bipolar PROM	13B
TI	38L167	Bipolar PROM	13B
TI	38L22	Bipolar PROM	12A
TI	38L42	Bipolar PROM	12B
TI	38L85	Bipolar PROM	12C
TI	38L87	Bipolar PROM	12C
TI	38R165	Bipolar PROM	13B
TI	38R167	Bipolar PROM	13B
TI	38R85	Bipolar PROM	12C
TI	38R87	Bipolar PROM	12C
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TI	38S032	Bipolar PROM	11B
TI	38S165	Bipolar PROM	13B
TI	38S166	Bipolar PROM	13B
TI	38S167	Bipolar PROM	13B
TI	38S22	Bipolar PROM	12A
TI	38S42	Bipolar PROM	12B
TI	38S85	Bipolar PROM	12C
TI	38S87	Bipolar PROM	12C
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TI	38SA032	Bipolar PROM	11B
TI	38SA165	Bipolar PROM	13B
TI	38SA166	Bipolar PROM	13B
TI	38SA167	Bipolar PROM	13B
TI	38SA22	Bipolar PROM	12A
TI	38SA42	Bipolar PROM	12B
TI	38SA85	Bipolar PROM	12C
TI	38SA87	Bipolar PROM	12C
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TI	82S191B	Bipolar PROM	13C
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TI	C16R6	CMOS PLD	16A
TI	C16R8	CMOS PLD	16A
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TI	C22V10ZP	CMOS PLD	17A
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TI	R19R6	Bipolar PLD	21B
TI	R19R8	Bipolar PLD	21B
TI	T19L8	Bipolar PLD	21B
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Toshiba	24128	EPROM	4A
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Toshiba	24512A	EPROM	5B
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VLSI	27C128	EPROM	4A
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VLSI	27C64	EPROM	3B
Waferscale	27C010L	EPROM	6B
Waferscale	27C010R	EPROM	6B
Waferscale	27C040L	EPROM	7B
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Waferscale	27C128L	EPROM	4B
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Waferscale	27C512F	EPROM	6A
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Waferscale	27C64F	EPROM	3B
Waferscale	27C64L	EPROM	3B
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Waferscale	57C128	EPROM	4B
Waferscale	57C128F	EPROM	4B
Waferscale	57C191	CMOS PROM	8A
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Waferscale	57C43	CMOS PROM	8B
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Waferscale	57C43BT	CMOS PROM	8B
Waferscale	57C43C	CMOS PROM	8B
Waferscale	57C45	CMOS PROM	8B
Waferscale	57C45T	CMOS PROM	8B
Waferscale	57C49	CMOS PROM	8B
Waferscale	57C49B	CMOS PROM	8B
Waferscale	57C49BT	CMOS PROM	8B
Waferscale	57C49C	CMOS PROM	8B
Waferscale	57C51	CMOS PROM	8B
Waferscale	57C51B	CMOS PROM	8B
Waferscale	57C51BT	CMOS PROM	8B
Waferscale	57C51C	CMOS PROM	8B
Waferscale	57C64F	EPROM	4A
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Xicor	24LC04	EEPROM	9A
Xicor	24LC16	EEPROM	9A
Xicor	2804A	EEPROM	9A
Xicor	2816A	EEPROM	9A
Xicor	2816B	EEPROM	9A
Xicor	2816C	EEPROM	9A
Xicor	28256	EEPROM	11A
Xicor	2864A	EEPROM	10A
Xicor	2864B	EEPROM	10A
Xicor	2864H	EEPROM	10A
Xicor	28C256	EEPROM	11A
Xicor	28C256B	EEPROM	11A
Xicor	28C64	EEPROM	10B
Xicor	28C64B	EEPROM	10B
Xicor	M28C010	EEPROM	11A
Xilinx	1736	EEPROM	10A
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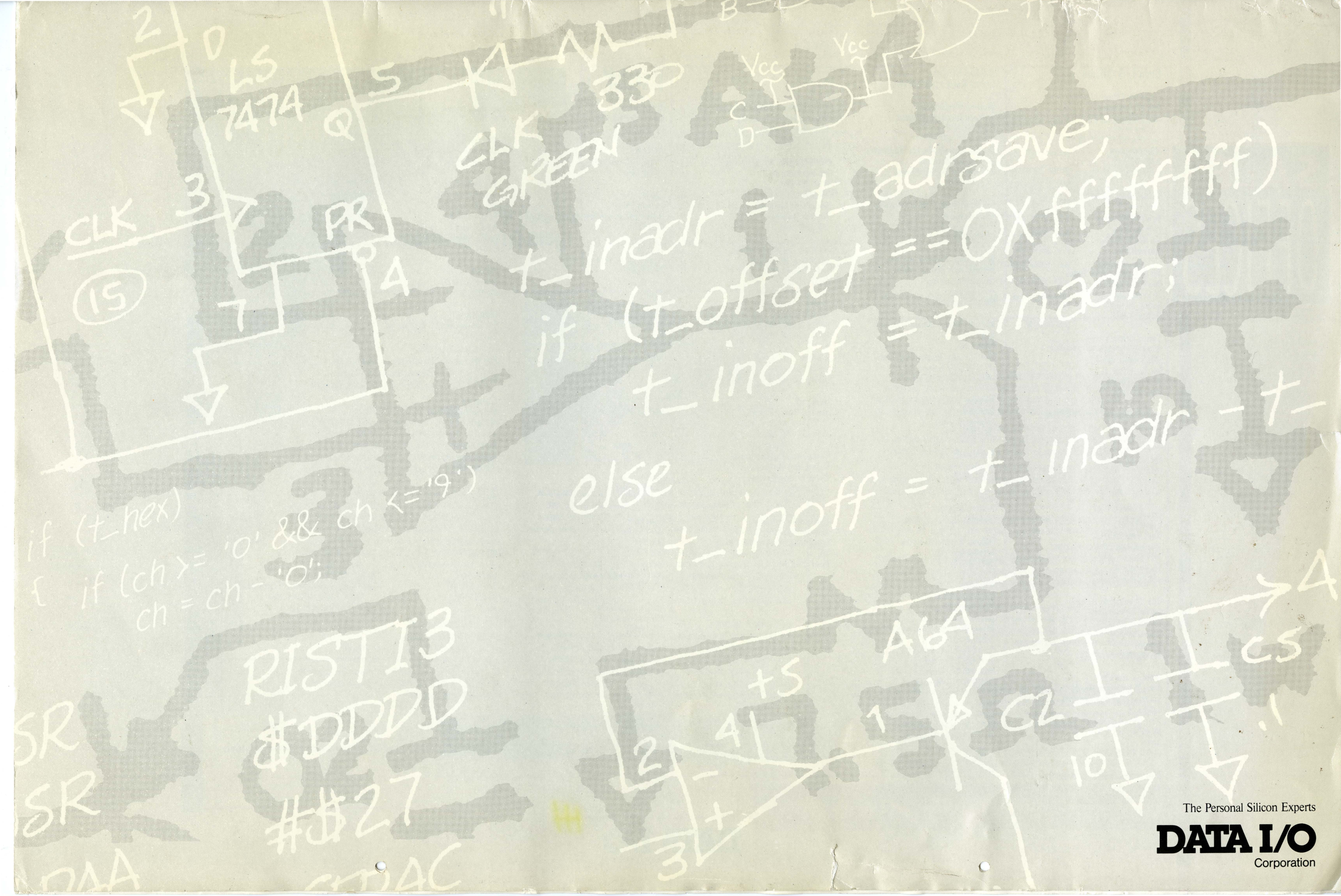

LS
7474
CLK
GREEN
330
Vcc
CLK
t_inadr = t_adrsave;
if (t_offset == 0Xffffffff)
t_inoff = t_inadr;
else
t_inoff = t_inadr - t_
if (t_hex)
{ if (ch >= '0' && ch <= '9')
ch = ch - '0';
RISTI3
$DDDD
#$27
A6A
+5
CS