

SECTION 7

PARTS LIST

7.1 This section contains lists of replaceable parts arranged in the order of the following subassemblies:

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7.2 Manufacturers are identified by FSC numbers listed in table 7.2, "List of Suppliers". The code numbers are

from the Federal Supply Code for Manufacturers Cataloging Handbooks H4-1, H4-2, and their supplements.

7.3 Certain parts having 21793 (Dana) listed in the "FSC" column are specially-selected semiconductors. For some of these, standard commercial parts will serve as satisfactory replacements. These Dana parts are identified in table 7.1 along with the commercial equivalent.

Table 7.1

Semiconductor Type:	Equivalent:
007 Diode	Fairchild FD300
009 Transistor	Motorola 2N2905
014 Transistor	Motorola 2N3501
021 Transistor	MPS A42 ruments

Table 7.2 - List of Suppliers

FSC	NAME	FSC	NAME
01121	ALLEN BRADLEY CO. MILWAUKEE, WISCONSIN	02660	AMPHENOL CORP. BROADVIEW, ILLINOIS
01295	TEXAS INSTRUMENTS, INC. (Components Group) DALLAS, TEXAS	04222	AEROVOX CORP. (Hi-Q Division) MYRTLE BEACH, SOUTH CAROLINA
02114	FERROXCUBE CORP. SAUGERTIES, NEW YORK	04713	MOTOROLA, INC. (Semiconductor Products Division) PHOENIX, ARIZONA

Table 7.2 - List of Suppliers continued

FSC	NAME	FSC	NAME
05397	UNION CARBIDE CORP. (Materials Systems Division) CLEVELAND, OHIO	71590	CENTRALAB ELECTRONICS (Division of Globe-Union, Inc.) MILWAUKEE, WISCONSIN
05624	BARBER & COLMAN CO. ROCKFORD, ILLINOIS	71785	TRW ELECTRONIC COMPONENTS (Cinch Division) ELK GROVE VILLAGE, ILLINOIS
07263	FAIRCHILD SEMICONDUCTOR MOUNTAIN VIEW, CALIFORNIA	72982	ERIE TECHNOLOGICAL PRODUCTS, INC. ERIE, PENNSYLVANIA
07716	TRW ELECTRONIC COMPONENTS	73138	BECKMAN INSTRUMENTS, INC. (Helipot Division) FULLERTON, CALIFORNIA
08806	GENERAL ELECTRIC (Miniature Light Division) CLEVELAND, OHIO	73445	AMPEREX ELECTRONIC CORP. HICKSVILLE, LONG ISLAND, NEW YORK
11237	CTS KEENE, INC. PASO ROBLES, CALIFORNIA	74276	SIGNALITE, INC. NEPTUNE, NEW JERSEY
21551	C-F ELECTRONICS, INC. VAN NUYS, CALIFORNIA	75915	LITTELFUSE, INC. DES PLAINES, ILLINOIS
21793	DANA LABORATORIES, INC. IRVINE, CALIFORNIA	76493	J. W. MILLER CO. COMPTON, CALIFORNIA
23095	AZTEC ELECTRONICS, INC. ANAHEIM, CALIFORNIA	79727	C-W INDUSTRIES WARMINSTER, PENNSYLVANIA
27264	MOLEX PRODUCTS CO. DOWNERS GROVE, ILLINOIS	80031	MEPCO-ELECTRA MORRISTOWN, NEW JERSEY
28520	HEYCO (Division of Heyman Mfg. Co.) KENILWORTH, NEW JERSEY	80131	ELECTRONIC INDUSTRIES ASSOC. WASHINGTON, D.C.
32767	GRIFFITH PLASTIC PRODUCT CO. (Nobex Division) BURLINGAME, CALIFORNIA	81349	MILITARY SPECIFICATION
44655	OHMITE MFG. CO. SKOKIE, ILLINOIS	82389	SWITCHCRAFT, INC. CHICAGO, ILLINOIS
50434	HEWLETT-PACKARD CO. PALO ALTO, CALIFORNIA	96341	MICROWAVE ASSOCIATES, INC. BURLINGTON, MASSACHUSETTS
56289	SPRAGUE ELECTRIC CO. (Pacific Division) LOS ANGELES, CALIFORNIA	98291	SEAELECTRO CORP. MAMARONECK, NEW YORK
71471	AEROVOX CORP. (Cinema Plant) MONCK'S CORNER, SOUTH CAROLINA	99800	AMERICAN PRECISION INDUSTRIES, INC. (Delevan Division) EAST AURORA, NEW YORK

406654 - Assy., ATTENUATOR, SIGNAL COND (DUAL CHANNEL)

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B1A	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B2	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B2A	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B3	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B4	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
C1	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
C1A	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
C2	101182	CAP	CERAM	47 PFD	500 V	10%	71471	TCD-DI-2(N750)
C2A	101182	CAP	CERAM	47 PFD	500 V	10%	71471	TCD-DI-2(N750)
C3	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1(N750)
C3A	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1(N750)
C4	100016	CAP	CERAM	27 PFD	1000 V	10%	71590	DD270
C4A	100016	CAP	CERAM	27 PFD	1000 V	10%	71590	DD270
C5	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1(N750)
C5A	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1(N750)
C6	101182	CAP	CERAM	47 PFD	500 V	10%	71471	TCD-DI-2(N750)
C6A	101182	CAP	CERAM	47 PFD	500 V	10%	71471	TCD-DI-2(N750)
J201	600567	CONN	RECPTLE		31-236		02660	31-236
J202	600567	CONN	RECPTLE		31-236		02660	31-236
R1	010609	RES	METAL	909 K		1% 1/8W	81349	RN60D9093F
R1A	010609	RES	METAL	909 K		1% 1/8W	81349	RN60D9093F
R2	010680	RES	METAL	90.9 K		1%	81349	RN55C9092F
R2A	010680	RES	METAL	90.9 K		1% 1/10W	81349	RN55C9092F
R3	010529	RES	METAL	10 K		1% 1/10W	81349	RN55C1002F
R3A	010529	RES	METAL	10 K		1% 1/10W	81349	RN55C1002F
R4	000104	RES	CARBON	100 K		5% 1/4W	81349	RC07GF104J
R4A	000104	RES	CARBON	100 K		5% 1/4W	81349	RC07GF104J
S202	600603	SWITCH	ATTENUATOR				11237	
S203	600603	SWITCH	ATTENUATOR				11237	
S206	600613	SWITCH	SLIDE, SPDT				79727	GF-124
S207	600613	SWITCH	SLIDE, SPDT				79727	GF-124
S208	600613	SWITCH	SLIDE, SPDT				79727	GF-124
S209	600613	SWITCH	SLIDE, SPDT				79727	GF-124
S210	600613	SWITCH	SLIDE, SPDT				79727	GF-124

406147 - Assy., PCB, SIGNAL COND (DUAL CHANNEL)

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	920563	BEADS, SHIELDING					02114	56-59065/4B
B1A	920563	BEADS, SHIELDING					02114	56-59065/4B
B2	920563	BEADS, SHIELDING					02114	56-59065/4B
B2A	920563	BEADS, SHIELDING					02114	56-59065/4B
B3	920563	BEADS, SHIELDING					02114	56-59065/4B
B3A	920563	BEADS, SHIELDING					02114	56-59065/4B
C1	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C1A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C2	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C2A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C3	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C3A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C4	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C4A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C6	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C6A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C7	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C7A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C8	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C8A	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C9	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C9A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C10	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C10A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C11	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C11A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C12	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C12A	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C13A	100041	CAP	CERAM	25 PFD	1000 V	5%	56289	C030B102F250J
CR1	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR1A	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR2	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR2A	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR3	211236	DIODE	SILICO		007		21793	211236
CR3A	211236	DIODE	SILICO		007		21793	211236
CR4	211236	DIODE	SILICO		007		21793	211236
CR4A	211236	DIODE	SILICO		007		21793	211236
CR5	220019	DIODE	SILICO	ZENER	1N752A		81349	1N752A
CR5A	220019	DIODE	SILICO	ZENER	1N752A		81349	1N752A
CR6	211083	DIODE	SILICO		1N916B		81349	1N916B
CR6A	211083	DIODE	SILICO		1N916B		81349	1N916B
CR7	211083	DIODE	SILICO		1N916B		81349	1N916B

406147 – Assy., PCB, SIGNAL COND (DUAL CHANNEL) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
CR7A	211083	DIODE	SILICO		1N916B	81349	1N916B
CR8	220004	DIODE	SILICO	ZENER	1N961B	81349	1N961B
CR8A	220004	DIODE	SILICO	ZENER	1N961B	81349	1N961B
J6	600573	CONN	RF		50-051-0000	98291	50-051-0000
J7	600573	CONN	RF		50-051-0000	98291	50-051-0000
L1	310068	CHOKE, RF		1 UH	10%	99800	1537-12
L1A	310068	CHOKE, RF		1 UH	10%	99800	1537-12
L2	310068	CHOKE, RF		1 UH	10%	99800	1537-12
L2A	310068	CHOKE, RF		1 UH	10%	99800	1537-12
L3A	310108	CHOKE, RF		.18 μ H	10%	99800	1025-02
L4A	310108	CHOKE, RF		.18 μ H	10%	99800	1025-02
Q1	200189	TRANS	MATCHED PAIR WITH Q10		TIS58	21793	200189
Q1A	200189	TRANS	MATCHED PAIR WITH Q10A		TIS58	21793	200189
Q2	200186	TRANS	MATCHED PAIR WITH Q9			21793	200186
Q2A	200186	TRANS	MATCHED PAIR WITH Q9A			21793	200186
Q3	200195	TRANS	SILICO	NPN SELECTED	2N5179	21793	200195
Q3A	200186	TRANS	MATCHED PAIR WITH Q7A			21793	200186
Q4	200186	TRANS	MATCHED PAIR WITH Q8			21793	200186
Q4A	200186	TRANS	MATCHED PAIR WITH Q8A			21793	200186
Q5	200195	TRANS	SILICO	NPN SELECTED	2N5179	21793	200195
Q5A	200151	TRANS	SILICO	NPN SELECTED	2N5179	21793	200151
Q6	200195	TRANS	SILICO	NPN SELECTED	2N5179	21793	200195
Q6A	200151	TRANS	SILICO	NPN SELECTED	2N5179	21793	200151
Q7	200195	TRANS	SILICO	NPN SELECTED	2N5179	21793	200195
Q7A	200186	TRANS	MATCHED PAIR WITH Q3A			21793	200186
Q8	200186	TRANS	MATCHED PAIR WITH Q4			21793	200186
Q8A	200186	TRANS	MATCHED PAIR WITH Q4A			21793	200186
Q9	200186	TRANS	MATCHED PAIR WITH Q2			21793	200186
Q9A	200186	TRANS	MATCHED PAIR WITH Q2A			21793	200186
Q10	200189	TRANS	MATCHED PAIR WITH Q1		TIS58	21793	200189
Q10A	200189	TRANS	MATCHED PAIR WITH Q1A		TIS58	21793	200189
Q11	200200	TRANS		NPN		21793	200200
Q11A	200200	TRANS		NPN		21793	200200
Q12	200200	TRANS		NPN		21793	200200
Q12A	200200	TRANS		NPN		21793	200200
Q13	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q13A	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q14	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q14A	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
P9	600593	CONN	6 PIN		250-06-30-170	71785	250-06-30-170

406147 - Assy., PCB, SIGNAL COND (DUAL CHANNEL) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R1	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R1A	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R2	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R2A	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R3	010720	RES	METAL	9.09 K	.25% 1/10W	81349	RN55C9091C
R3A	010720	RES	METAL	9.09 K	.25% 1/10W	81349	RN55C9091C
R4	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R4A	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R5	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R5A	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R6	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R6A	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R7	000910	RES	CARBON	91 OHM	5% 1/4W	81349	RC07GF910J
R7A	000910	RES	CARBON	91 OHM	5% 1/4W	81349	RC07GF910J
R8	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R8A	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R9A	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R10	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R10A	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R11	000430	RES	CARBON	43 OHM	5% 1/4W	81349	RC07GF430J
R11A	000430	RES	CARBON	43 OHM	5% 1/4W	81349	RC07GF430J
R12	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R12A	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R13	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R13A	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R14	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R14A	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R15A	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R16	001758	RES	CARBON	330 OHM	5% 1W	81349	RC32GF331J
R16A	001758	RES	CARBON	330 OHM	5% 1W	81349	RC32GF331J
R17	040114	POT	CERMET	50 OHM	10%	73138	62PR50
R17A	040114	POT	CERMET	50 OHM	10%	73138	62PR50
R18	000910	RES	CARBON	91 OHM	5% 1/4W	81349	RC07GF910J
R18A	000910	RES	CARBON	91 OHM	5% 1/4W	81349	RC07GF910J
R19	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R19A	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R20	040115	POT	CERMET	500 OHM	10%	73138	62PR500
R20A	040115	POT	CERMET	500 OHM	10%	73138	62PR500
R21	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R21A	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R22	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R22A	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R23	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R23A	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R24	010720	RES	METAL	9.09 K	.25% 1/10W	81349	RN55C9091C

406147 - Assy., PCB, SIGNAL COND (DUAL CHANNEL) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R24A	010720	RES	METAL	9.09 K	.25% 1/10W	81349	RN55C9091C
R25	000203	RES	CARBON	20 K	5% 1/4W	81349	RC07GF203J
R25A	000203	RES	CARBON	20 K	5% 1/4W	81349	RC07GF203J
R26	010704	RES	METAL	1 K	1% 1/10W	81349	RN55D1001F
R26A	010704	RES	METAL	1 K	1% 1/10W	81349	RN55D1001F
R27	010630	RES	METAL	9.09 K	1% 1/10W	81349	RN55C9091F
R27A	010630	RES	METAL	9.09 K	1% 1/10W	81349	RN55C9091F
R28	000682	RES	CARBON	6.8 K	5% 1/4W	81349	RC07GF682J
R28A	000682	RES	CARBON	6.8 K	5% 1/4W	81349	RC07GF682J
R29	000682	RES	CARBON	6.8 K	5% 1/4W	81349	RC07GF682J
R29A	000682	RES	CARBON	6.8 K	5% 1/4W	81349	RC07GF682J
R30	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R30A	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R31	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R31A	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R32	000203	RES	CARBON	20 K	5% 1/4W	81349	RC07GF203J
R32A	000203	RES	CARBON	20 K	5% 1/4W	81349	RC07GF203J
R33	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R33A	010705	RES	METAL	4.53 K	1% 1/10W	81349	RN55C4531F
R34	040212	POT		25 K	UPE200-25K	11237	UPE200-25K
R34A	040212	POT		25 K	UPE200-25K	11237	UPE200-25K
R35	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R35A	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R36	000241	RES	CARBON	240 OHM	5% 1/4W	81349	RC07GF241J
R36A	000241	RES	CARBON	240 OHM	5% 1/4W	81349	RC07GF241J
R37	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R37A	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R38	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R38A	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
S202B		SWITCH	(PART OF R34 & R34A)				
S203B		SWITCH	(PART OF R34 & R34A)				
W1	600245	JUMPER, INSULATED			L-2007-1LP		L-2007-1LP
W2	600245	JUMPER, INSULATED			L-2007-1LP		L-2007-1LP

406630 & 406631/32 – Assy., PCB, SWITCH BOARD

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C1	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C2	100069	CAP	CERAM	20 PFD	1000 V	20%	56289	C023B102E200M
C3	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C4	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C6	100003	CAP	CERAM	3.3 PFD	1000 V		71590	DD3R3
C7	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C8	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C9	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C10	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C11	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C12	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C13	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C14	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C15	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C20	110158	CAP	TANTA	10 MFD	50 V	10%	05397	T362C106K050A
C21	100040	CAP	CERAM	200 PFD	1000 V	20%	56289	C023B102E201M
C27	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C28	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C29	110104	CAP	TANTA	4.7 MFD	10 V	10%	05397	T310A475K010AS
C31	100068	CAP	CERAM	.02 MFD	100 V	20%	56289	C023B101H203M
C32	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C35	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C36	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C37	100053	CAP	CERAM	56 PFD	1000 V	5%	56289	C030A102J560J
C38	100051	CAP	CERAM	3 PFD	500 V		71471	TCD-B1-0
C39	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C40	100050	CAP	CERAM	2.2 PFD	1000 V	5%	56289	C030B102S2R2D
C41	100060	CAP	CERAM	15 PFD	1000 V	5%	56289	C030B102E150J
C42	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C44	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C45	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C46	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C47	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C48	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C49	110151	CAP	TANTA	10 MFD	35 V	20%	05397	T362C106M035A
C50	110151	CAP	TANTA	10 MFD	35 V	20%	05397	T362C106M035A
C51	101145	CAP	CERAM	100 PFD	500 V	10%	04222	TCD-DI-1N5600-100
C52	100038	CAP	CERAM	560 PFD	500 V	10%	71590	DD561
C53	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C54	101145	CAP	CERAM	100 PFD	500 V	10%	04222	TCD-DI-1N5600-100
C55	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C56	110151	CAP	TANTA	10 MFD	35 V	20%	05397	T362C106M035A
C57	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C58	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M

406630 & 406631/32 - Assy., PCB, SWITCH BOARD *continued*

REF DES	DANA P/N	DESCRIPTION			FSC	MANU P/N	
CR1	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR2	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR3	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR4	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR5	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR6	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR7	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR8	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR9	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR10	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR11	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR12	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR13	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR14	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR18	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR19	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR20	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR35	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR36	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR37	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR38	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR39	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR40	211083	DIODE	SILICO	1N916B	81349	1N916B	
CR41	211083	DIODE	SILICO	1N916B	81349	1N916B	
L1	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L2	310072	CHOKE, RF		2.2 UH		99800	1537-20
							10%
MA0	230028	INTEGRATED CIRCUIT		7400	01295	7400	
MA2	230064	INTEGRATED CIRCUIT		7404	01295	7404	
MA8	230099	INTEGRATED CIRCUIT		7454	01295	7454	
MA9	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MA10	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MB8	230064	INTEGRATED CIRCUIT		7404	01295	7404	
MB9	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MB10	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MC1	230043	INTEGRATED CIRCUIT		MC1010P	04713	MC1010P	
MC2	230064	INTEGRATED CIRCUIT		7404	01295	7404	
MC5	230079	INTEGRATED CIRCUIT		74H00	07263	74H00	
MC6	230028	INTEGRATED CIRCUIT		7400	07263	7400	
MC8	230099	INTEGRATED CIRCUIT		7454	01295	7454	
MC9	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MC10	230317	INTEGRATED CIRCUIT		SN74LS90	01295	SN74LS90	
MD0	230112	INTEGRATED CIRCUIT		MC10131	04713	MC10131	
MD1	230039	INTEGRATED CIRCUIT		MC1023P	04713	MC1023P	

406630 & 406631/32 – Assy., PCB, SWITCH BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N	
MD2	230097	INTEGRATED CIRCUIT				MC1034P	04713	MC1034P
MD3	230096	INTEGRATED CIRCUIT				MC1032P	04713	MC1032P
MD4	230048	INTEGRATED CIRCUIT				MC1027P	04713	MC1027P
MD5	230030	INTEGRATED CIRCUIT				7402	01295	7402
MD6	230064	INTEGRATED CIRCUIT				7404	01295	7404
MD7	230028	INTEGRATED CIRCUIT				7400	01295	7400
MD8	230064	INTEGRATED CIRCUIT				7404	01295	7404
MD9	230317	INTEGRATED CIRCUIT				SN74LS90	01295	SN74LS90
MD10	230317	INTEGRATED CIRCUIT				SN74LS90	01295	SN74LS90
ME0	230112	INTEGRATED CIRCUIT				MC10131P	04713	MC10131P
ME1	230072	INTEGRATED CIRCUIT				7474	01295	7474
ME2	230072	INTEGRATED CIRCUIT				7474	01295	7474
ME3	230081	INTEGRATED CIRCUIT				MC3060P	04713	MC3060P
ME4	230032	INTEGRATED CIRCUIT				7420	01295	7420
ME5	230028	INTEGRATED CIRCUIT				7400	01295	7400
ME6	230028	INTEGRATED CIRCUIT				7400	01295	7400
ME7	230030	INTEGRATED CIRCUIT				7402	01295	7402
ME8	230032	INTEGRATED CIRCUIT				7420	01295	7420
ME9	230064	INTEGRATED CIRCUIT				7404	01295	7404
ME10	230317	INTEGRATED CIRCUIT				SN74LS90	01295	SN74LS90
MF3	230028	INTEGRATED CIRCUIT				7400	01295	7400
MF4	230028	INTEGRATED CIRCUIT				7400	01295	7400
MF5	230031	INTEGRATED CIRCUIT				7410	01295	7410
MF6	230028	INTEGRATED CIRCUIT				7400	01295	7400
MF7	230028	INTEGRATED CIRCUIT				7400	01295	7400
MF8	230099	INTEGRATED CIRCUIT				7454	01295	7454
MF9	230072	INTEGRATED CIRCUIT				7474	01295	7474
MF10	230028	INTEGRATED CIRCUIT				7400	01295	7400
P6	600483	CONN	COAX	PLUG	27-7	02660	27-7	
P7	600483	CONN	COAX	PLUG	27-7	02660	27-7	
P13*	600483	CONN	COAX	PLUG	27-7	02660	27-7	
Q1	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q2	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q3	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q4	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q5	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q6	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q7	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646	
Q9	200088	TRANS	SILICO	PNP	2N4248	80131	2N4248	
Q10	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646	
Q11	200099	TRANS	SILICO	PNP	2N4258	81349	2N4258	
Q16	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646	
Q17	200088	TRANS	SILICO	PNP	2N4248	80131	2N4248	

*Used only on 8030B Assy. 406632

406630 & 406631/32 – Assy., PCB, SWITCH BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
Q19	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q20	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q21	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q22	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q23	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
R3	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R4	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R5	000180	RES	CARBON	18 OHM	5% 1/4W	81349	RC07GF180J
R6	000750	RES	CARBON	75 OHM	5% 1/4W	81349	RC07GF750J
R7	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R8	000471	RES	CARBON	470 OHM	5% 1/4W	81349	RC07GF471J
R9	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R10	000621	RES	CARBON	620 OHM	5% 1/4W	81349	RC07GF621J
R11	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R12	000240	RES	CARBON	24 OHM	5% 1/4W	81349	RC07GF240J
R13	000750	RES	CARBON	75 OHM	5% 1/4W	81349	RC07GF750J
R14	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R15	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R16	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R17	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R18	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R19	000112	RES	CARBON	1.1 K	5% 1/4W	81349	RC07GF112J
R20	000621	RES	CARBON	620 OHM	5% 1/4W	81349	RC07GF621J
R21	000621	RES	CARBON	620 OHM	5% 1/4W	81349	RC07GF621J
R22	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R23	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R24	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R25	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R26	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R27	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R28	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R29	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R30	000750	RES	CARBON	75 OHM	5% 1/4W	81349	RC07GF750J
R31	000240	RES	CARBON	24 OHM	5% 1/4W	81349	RC07GF240J
R32	000750	RES	CARBON	75 OHM	5% 1/4W	81349	RC07GF750J
R33	000240	RES	CARBON	24 OHM	5% 1/4W	81349	RC07GF240J
R34	000472	RES	CARBON	4.7 K	5% 1/4W	81349	RC07GF472J
R35	000472	RES	CARBON	4.7 K	5% 1/4W	81349	RC07GF472J
R36	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R37	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R38	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R40	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R41	000222	RES	CARBON	2.2 K	5% 1/4W	81349	RC07GF222J
R42	000430	RES	CARBON	43 OHM	5% 1/4W	81349	RC07GF430J

406630 & 406631/32 - Assy., PCB, SWITCH BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R43	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R44	000200	RES	CARBON	20 OHM	5% 1/4W	81349	RC07GF200J
R45	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R46	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R47	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R48	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R60	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R61	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R62	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R66	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R67	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R68	000123	RES	CARBON	12 K	5% 1/4W	81349	RC07GF123J
R69	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R72	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R73	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R74	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R75	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R76	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R78	000471	RES	CARBON	470 OHM	5% 1/4W	81349	RC07GF471J
R79	000302	RES	CARBON	3 K	5% 1/4W	81349	RC07GF302J
R80	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R81	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R83	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R84	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R86	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R89	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R90	000122	RES	CARBON	1.2 K	5% 1/4W	81349	RC07GF122J
R91	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R92	000122	RES	CARBON	1.2 K	5% 1/4W	81349	RC07GF122J
R93	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R94	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R95	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R96	000201	RES	CARBON	200 OHM	5% 1/4W	81349	RC07GF201J
R97	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R98	000302	RES	CARBON	3 K	5% 1/4W	81349	RC07GF302J
R99	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R100	000153	RES	CARBON	15 K	5% 1/4W	81349	RC07GF153J
R101	000302	RES	CARBON	3 K	5% 1/4W	81349	RC07GF302J
R102	000302	RES	CARBON	3 K	5% 1/4W	81349	RC07GF302J
R103	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R108	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R109	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R110	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R111	000122	RES	CARBON	1.2 K	5% 1/4W	81349	RC07GF122J
R112	000162	RES	CARBON	1.6 K	5% 1/4W	81349	RC07GF162J

406630 & 406631/32 – Assy., PCB, SWITCH BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R113	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R114	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R116	000113	RES	CARBON	11 K	5% 1/4W	81349	RC07GF113J
R118	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R119	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R120	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R121	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R122	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R123	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R124	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R126	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R127	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R128	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R129	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R130	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R131	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R132	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R133	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R134	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R135	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R136	000153	RES	CARBON	15 K	5% 1/4W	81349	RC07GF153J
R137	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R138	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R139	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
S1	600605	SWITCH	PUSHBUTTON			71590	Series PB15
S2	600604	SWITCH	PUSHBUTTON 2P2P			71590	Series PB15
Y1	920583	CRYSTAL	9.9988 MHz			21793	920583

406145 - Assy., PCB, READOUT BOARD

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C1	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C5	110131	CAP	ELECT	20 MFD	450 V		56289	39D206F450GL4
C7	110177	CAP	ELECT	5000 MFD	25 V		80031	3050HPS02
C8	110062	CAP	ELECT	500 MFD	50 V		56289	39D507G050GL4
C9	110062	CAP	ELECT	500 MFD	50 V		56289	39D507G050GL4
C10	101641	CAP	CERAM	470 PFD	500 V	10%	71471	SCD1X5F
CR1	211083	DIODE	SILICO		1N916B		81349	1N916B
CR2	211083	DIODE	SILICO		1N916B		81349	1N916B
CR3	211083	DIODE	SILICO		1N916B		81349	1N916B
CR5	210004	DIODE	SILICO		1N4004		81349	1N4004
CR6	210004	DIODE	SILICO		1N4004		81349	1N4004
CR7	210004	DIODE	SILICO		1N4004		81349	1N4004
CR8	210004	DIODE	SILICO		1N4004		81349	1N4004
CR11	210004	DIODE	SILICO		1N4004		81349	1N4004
CR12	210004	DIODE	SILICO		1N4004		81349	1N4004
CR13	210004	DIODE	SILICO		1N4004		81349	1N4004
CR14	210004	DIODE	SILICO		1N4004		81349	1N4004
CR15	210004	DIODE	SILICO		1N4004		81349	1N4004
CR16	210004	DIODE	SILICO		1N4004		81349	1N4004
CR17	211083	DIODE	SILICO		1N916B		81349	1N916B
CR18	220067	DIODE		ZENER	5.1 V	2%	04713	1/4M5.1AZ2
CR19	210004	DIODE	SILICO		1N4004		81349	1N4004
CR20	220015	DIODE	SILICO	ZENER	1N967B		81349	1N967B
CR21	211083	DIODE	SILICO		1N916B		81349	1N916B
CR22	210004	DIODE	SILICO		1N4004		81349	1N4004
CR23	220015	DIODE	SILICO	ZENER	1N967B		81349	1N967B
CR24	210004	DIODE	SILICO		1N4004		81349	1N4004
CR25	211083	DIODE	SILICO		1N916B		81349	1N916B
CR28	210004	DIODE	SILICO		1N4004		81349	1N4004
CR29	210004	DIODE	SILICO		1N4004		81349	1N4004
CR30	211083	DIODE	SILICO		1N916B		81349	1N916B
CR40	210004	DIODE	SILICO		1N4004		81349	1N4004
CR53	210004	DIODE	SILICO		1N4004		81349	1N4004
D1	920602	BULB	NEON		A1C-A		74276	A1C-A
D2	920116	LAMP	NEON		NE-2H		08806	C2A
D3	920116	LAMP	NEON		NE-2H		08806	C2A
D4	920116	LAMP	NEON		NE-2H		08806	C2A
D5	920116	LAMP	NEON		NE-2H		08806	C2A
D6	920116	LAMP	NEON		NE-2H		08806	C2A

406145 - Assy., PCB, READOUT BOARD *continued*

REF DES	DANA P/N	DESCRIPTION	FSC	MANU P/N
D7	920116	LAMP NEON NE-2H	08806	C2A
J2	600665	TERMINAL, MALE R62-3	27264	R62-3
MA7	230064	INTEGRATED CIRCUIT 7404	01295	7404
MA8	230031	INTEGRATED CIRCUIT 7410	01295	7410
MA9	230099	INTEGRATED CIRCUIT 7454	01295	7454
MA10	230099	INTEGRATED CIRCUIT 7454	01295	7454
MA11	230031	INTEGRATED CIRCUIT 7410	01295	7410
MA12	230064	INTEGRATED CIRCUIT 7404	01295	7404
MB7	230064	INTEGRATED CIRCUIT 7404	01295	7404
MB8	230028	INTEGRATED CIRCUIT 7400	01295	7400
MB9	230099	INTEGRATED CIRCUIT 7454	01295	7454
MB10	230099	INTEGRATED CIRCUIT 7454	01295	7454
MB11	230031	INTEGRATED CIRCUIT 7410	01295	7410
MB12	230028	INTEGRATED CIRCUIT 7400	01295	7400
MC1	230064	INTEGRATED CIRCUIT 7404	01295	7404
MC2	230028	INTEGRATED CIRCUIT 7400	01295	7400
MC3	230031	INTEGRATED CIRCUIT 7410	01295	7410
MC7	230028	INTEGRATED CIRCUIT 7400	01295	7400
MC8	230028	INTEGRATED CIRCUIT 7400	01295	7400
MC9	230098	INTEGRATED CIRCUIT 7451	01295	7451
MC10	230098	INTEGRATED CIRCUIT 7451	01295	7451
MC11	230098	INTEGRATED CIRCUIT 7451	01295	7451
MC12	230099	INTEGRATED CIRCUIT 7454	01295	7454
MD2	230317	INTEGRATED CIRCUIT SN74LS90	C1295	SN74LS90
MD3	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD4	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD5	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD6	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD7	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD8	230317	INTEGRATED CIRCUIT SN74LS90	01295	SN74LS90
MD10	230064	INTEGRATED CIRCUIT 7404	01295	7404
MD11	230028	INTEGRATED CIRCUIT 7400	01295	7400
MD12	230099	INTEGRATED CIRCUIT 7454	01295	7454
ME2	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME3	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME4	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME5	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME6	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME7	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME8	230065	INTEGRATED CIRCUIT 7475	01295	7475
ME9	230065	INTEGRATED CIRCUIT 7475	01295	7475
MF2	230034	INTEGRATED CIRCUIT 74141	07263	74141
MF3	230034	INTEGRATED CIRCUIT 74141	07263	74141

406145 - Assy., PCB, READOUT BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
MF4	230034	INTEGRATED CIRCUIT				74141	74141
MF5	230034	INTEGRATED CIRCUIT				74141	74141
MF6	230034	INTEGRATED CIRCUIT				74141	74141
MF7	230034	INTEGRATED CIRCUIT				74141	74141
MF8	230034	INTEGRATED CIRCUIT				74141	74141
MF9	230034	INTEGRATED CIRCUIT				74141	74141
Q1	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q5	200087	TRANS	SILICO		021	21793	200087
Q6	200087	TRANS	SILICO		021	21793	200087
Q7	200087	TRANS	SILICO		021	21793	200087
Q8	200087	TRANS	SILICO		021	21793	200087
Q9	200087	TRANS	SILICO		021	21793	200087
Q10	200087	TRANS	SILICO		021	21793	200087
Q11	200087	TRANS	SILICO		021	21793	200087
Q12	200037	TRANS	SILICO	NPN	2N3646	80131	2N3646
Q15	200087	TRANS	SILICO		021	21793	200087
Q17	200087	TRANS	SILICO		021	21793	200087
Q18	200087	TRANS	SILICO		021	21793	200087
Q19	200087	TRANS	SILICO		021	21793	200087
Q20	200087	TRANS	SILICO		021	21793	200087
Q21	200087	TRANS	SILICO		021	21793	200087
Q22	200087	TRANS	SILICO		021	21793	200087
Q23	200087	TRANS	SILICO		021	21793	200087
Q25	200052	TRANS	SILICO	PNP	009	21793	200052
Q26	200088	TRANS	SILICO	PNP	2N4248	80131	2N4248
Q27	200200	TRANS		NPN		21793	200200
Q28	200200	TRANS		NPN		21793	200200
R1	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R2	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R3	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R4	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R5	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R6	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R7	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R8	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R10	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R11	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R15	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R16	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R17	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R18	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R19	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J

406145 - Assy., PCB, READOUT BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R20	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R21	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R22	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R23	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R24	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R26	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R28	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R30	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R32	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R34	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R36	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R39	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R40	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R41	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R42	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R43	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R45	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R46	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R47	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R48	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R49	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R50	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R51	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R52	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R53	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R54	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R55	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R56	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R57	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R60	020620	RES	WW	3.9 K	5% 3 W	21551	M-200
R61	001766	RES	CARBON	220 K	5% 1/2W	81349	RC20GF224J
R62	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R63	001793	RES	CARBON	1 K	5% 1/2W	01121	See Descrpt.
R64	001765	RES	CARBON	68 OHM	5% 1/2W	81349	RC20GF680J
R65	000272	RES	CARBON	2.7 K	5% 1/4W	81349	RC07GF272J
R66	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R67	000362	RES	CARBON	3.6 K	5% 1/4W	81349	RC07GF362J
R68	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J
R69	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R70	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R71	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R72	000272	RES	CARBON	2.7 K	5% 1/4W	81349	RC07GF272J
R73	000202	RES	CARBON	2 K	5% 1/4W	81349	RC07GF202J
R74	000152	RES	CARBON	1.5 K	5% 1/4W	81349	RC07GF152J

406145 – Assy., PCB, READOUT BOARD *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R76	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R77	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
S201	600601	SWITCH	ROTARY			21793	600601
V1	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V2	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V3	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V4	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V5	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V6	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V7	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
V8	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000
W3	600245	JUMPER, INSULATED			L-2007-1LP		L-2007-1LP
W6	600245	JUMPER, INSULATED			L-2007-1LP		L-2007-1LP
W7	600245	JUMPER, INSULATED			L-2007-1LP		L-2007-1LP

406580 - Assy., PCB, REAR PANEL

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C1	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
C2	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
F101	920205	FUSE	GLASS	.75 A	250 V (115V Operation)		75915	3AG3/4ASB
	920204	FUSE	SLO	.50 A	250 V (230V Operation)		75915	3AG1/2ASB
H1	730423	HEATSINK			730423		21793	730423
J101	600619	CONN	RECPTLE				82389	EAC-301
J102	600567	CONN	RECPTLE		31-236		02660	31-236
J103	600567	CONN	RECPTLE		31-236		02660	31-236
J104	600567	CONN	RECPTLE		31-236		02660	31-236
J106	600567	CONN	RECPTLE		31-236		02660	31-236
J107	920574	PLUG, PLASTIC, BLK			P-562		28520	P-562
J108	920573	COVER	HOLE		P-437		28520	P-437
J109	920573	COVER	HOLE		P-437		28520	P-437
J110	600589	POST	BINDING	RED	820-65		32767	820-65
J111	600587	POST	BINDING	BLK	820-45		32767	820-45
J112	600586	POST	BINDING	WHITE	820-25		32767	820-25
P1	600566	CONN	6 PIN		251-0630160		71785	251-0630160
Q101	200223	TRANS		NPN	MJE521		04713	MJE521
Q102	200130	TRANS	SILICO	NPN	MJE3055		04713	MJE3055
Q103	200183	TRANS	SILICO	PNP	MJE371		04713	MJE371
S101	600680	SWITCH	SLIDE, SPDT		GF-124		79727	GF-124
S102	600617	SWITCH	SLIDE, DPDT		G126		79727	G126
T101	300065	TRANSFORMER		115 V	11824		23095	11824

406732 – Assy., REAR PANEL, PART OF P/N 406749, OPTION 200 & 300

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	600759	FAN	MOTOR	TYPE AYAA	115 V		05624	Type AYAA
C1	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
C2	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M
F101	920205	FUSE	GLASS	.75 A	250 V (115V Operation)		75915	3AG3/4ASB
	920204	FUSE	SLOW	.50 A	250 V (220V Operation)		75915	3AG1/2ASB
J101	600619	CONN	RECPTLE		EAC-301		82389	EAC-301
J102	600567	CONN	RECPTLE		31-236		02660	31-236
J103	600567	CONN	RECPTLE		31-236		02660	31-236
J104	600567	CONN	RECPTLE		31-236		02660	31-236
J105	600567	CONN	RECPTLE		31-236		02660	31-236
J106	920573	COVER	HOLE		P-437		28520	P-437
J107	920573	COVER	HOLE		P-437		28520	P-437
J108	920574	PLUG, PLASTIC, BLK			P-562		28520	P-562
P1	600566	CONN	6 PIN		251-0630160		71785	251-0630160
Q101	200223	TRANS		NPN	MJE521		04713	MJE521
Q102	200130	TRANS	SILICO	NPN	MJE3055		04713	MJE3055
Q103	200183	TRANS	SILICO	PNP	MJE371		04713	MJE371
S101	600680	SWITCH	SLIDE	SPDT	GF124		79727	GF124
S102	600617	SWITCH	SLIDE	DPDT	G126		79727	G126
S103	600521	SWITCH		DPDT	46256LFE		82389	46256LFE
T101	300065	TRANSFORMER		POWER	115 V		23095	11824
W101	600245	JUMPER, INSULATED			L-2007-1LP			L-2007-1LP

406561 – Assy., PCB, DISPLAY TIME CONTROL

REF DES	DANA P/N	DESCRIPTION	FSC	MANU P/N
P3	730739	CONN 6 PIN MODIFIED	21793	730739
	600250	KEY, POLARIZING, TYPE 2	71785	50PK-2
P5	600545	PLUG 3 PIN	27264	1625-3P-1
	600381	TERM, PIN FEMALE	27264	1561
R1		POT 1 MEG (PART OF 600600)		
S205	600600	SWITCH SPST CTS45	11237	CTS45

406128 – Assy., PCB, INTERCONNECT BOARD

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C1	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
P2	600575	CONN	25 PIN				71785	252-25-30-160
P4	600575	CONN	25 PIN				71785	252-25-30-160

406663 – Assy., PCB, 9 DIGIT READOUT, OPTION 004

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
MD1	230317	INTEGRATED CIRCUIT		SN74LS90		01295	SN74LS90
ME1	230065	INTEGRATED CIRCUIT		7475		01295	7475
MF1	230034	INTEGRATED CIRCUIT		74141		07263	74141
R9	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
V9	920506	TUBE	NEON	DISPLAY	ZM1000	73445	ZM1000

For location of parts:

Refer to Layout and Schematic Readout Board, Pages 6-8 and 6-10

406660-662 – Assy., REAR INPUT, OPTION 010 (Rear Panel 406580, Page 6-13)

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
J107	406564	BNC CABLE ASSY		406564	21793	406564	
J108	600567	CONN	RECPTLE	31-236	02660	31-236	
J109	600567	CONN	RECPTLE	31-236	02660	31-236	
R108	001803	RES	CARBON	24 OHM	5% 1/8W	81349	RC05GF240J
R109	001803	RES	CARBON	24 OHM	5% 1/8W	81349	RC05GF240J

406735 – Assy., REAR INPUT, OPTION 010 (Rear Panel 406732, Page 6-15)

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
J106	406564	BNC CABLE ASSY		406564	21793	406564	
J107	600567	CONN	RECPTLE	31-236	02660	31-236	
J108	600567	CONN	RECPTLE	31-236	02660	31-236	
R107	001803	RES	CARBON	24 OHM	5% 1/8W	81349	RC05GF240J
R108	001803	RES	CARBON	24 OHM	5% 1/8W	81349	RC05GF240J

406659 – Assy., PCB, TCXO OSCILLATOR, OPTION 050

REF DES	DANA P/N	DESCRIPTION	FSC	MANU P/N
Y1	730705	TCXO 10 MHz	21793	730705

For location of parts:

Refer to Layout and Schematic Readout Board, Pages 6-8 and 6-11

406749 – Assy., OSCILLATOR, OPTION 200

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N	
A1*	406130	PCB ASSY 28V REGULATOR					406130	21793	406130
A2**	406732	REAR PANEL ASSY					406732	21793	406732
C1	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M	
C6*	110180	CAP	ELECT	1300 MFD	50 V	10%	80031	ME3050GL132U050	
CR9*	210004	DIODE	SILICO		1N4004		81349	1N4004	
CR10*	210004	DIODE	SILICO		1N4004		81349	1N4004	
J1	600379	RECEPT 3P						27264	1625-3R
P1-1	600381	TERMINAL PIN FEMALE						27264	1561
P1-2	600381	TERMINAL PIN FEMALE						27264	1561
P1-3	600380	TERMINAL PIN MALE						27264	1854
Y101	730647	OSCILLATOR					730647	21793	730647

406748 – Assy., OSCILLATOR, OPTION 300

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N	
A1*	406130	PCB ASSY 28V REGULATOR					406130	21793	406130
A2**	406732	REAR PANEL ASSY					406732	21793	406732
C1	100063	CAP	CERAM	.01 MFD	500 V	20%	56289	C023B501E103M	
C6*	110180	CAP	ELECT	1300 MFD	50 V	10%	80031	ME3050GL132U050	
CR9*	210004	DIODE	SILICO		1N4004		81349	1N4004	
CR10*	210004	DIODE	SILICO		1N4004		81349	1N4004	
J1	600379	RECEPT 3P						27264	1625-3R
P1-1	600381	TERMINAL PIN FEMALE						27264	1561
P1-2	600381	TERMINAL PIN FEMALE						27264	1561
P1-3	600380	TERMINAL PIN MALE						27264	1854
Y101	730648	OSCILLATOR					730648	21793	730648

*Located on Readout Board

**Schematic and Assy. Rear Panel, Pages 6-14, 6-15
Parts List, Page 7-20

406559 – Assy., OSCILLATOR, OPTION 200 (USED ON EARLY MODELS)

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
A1*	406130	PCB ASSY, 28V REGULATOR					21793	406130
C6*	110062	CAP	ELECT	500 MFD	50 V		56289	39D507G050GL4
CR9*	210004	DIODE	SILICO		1N4004		81349	1N4004
CR10*	210004	DIODE	SILICO		1N4004		81349	1N4004
Y101**	730349	OSCILLATOR					21793	730349

*Located on Readout Board

**Option 100 P/N730353

Option 300 P/N730228

406130 – Assy., PCB, 28V REGULATOR, PART OF OPTION 200 & 300

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
J1	600664	TERMINAL FEMALE					27264	M93-102
	600665	TERMINAL MALE (2)					27264	R62-3
C1	101098	CAP	CERAM	330 PFD	500 V	10%	56289	10TS-T33
CR1	220061	DIODE	ZENER		28 V	5% 1/2W	81349	1N5255B
CR2	211083	DIODE	SILICO		1N916B		81349	1N916B
Q1	200154	TRANS	SILICO	PNP	MJE370		04713	MJE370
Q2	200037	TRANS	SILICO	NPN	2N3646		80131	2N3646
R1	000511	RES	CARBON	510 OHM		5% 1/4W	81349	RC07GF511J
R2	000332	RES	CARBON	3.3 K		5% 1/4W	81349	RC07GF332J

406120 – Assy., PCB, 550 MHz PRESCALER (50 mV) (8030B Only)

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B3	406466	CHOKE ASSY	FERRITE BEADS	406466			21793	406466
B4	406466	CHOKE ASSY	FERRITE BEADS	406466			21793	406466
B5	406466	CHOKE ASSY	FERRITE BEADS	406466			21793	406466
C1	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C2	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C3	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C4	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C5	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C6	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C7	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C8	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C9	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C10	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C11	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C12	100025	CAP	CERAM	.005 MFD	100 V	20%	72982	835-000-X5V0502Z
C13	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C14	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C15	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C16	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C17	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C18	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C19	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C20	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C21	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C22	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C23	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C24	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C25	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C26	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C27	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C28	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C29	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C30	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C31	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C32	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C33	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C34	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C35	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1 (N750)
C36	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C37	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C38	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C39	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C40	100068	CAP	CERAM	.02 MFD	100 V	20%	56289	C023B101H203M
C41	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C42	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C43	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M

406120 – Assy., PCB, 550 MHz PRESCALER (50 mV) *continued*

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C44	110001	CAP	TANTA	6.8 MFD	35 V	10%	05397	T310B685K035AS
C45	110001	CAP	TANTA	6.8 MFD	35 V	10%	05397	T310B685K035AS
C46	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C47	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C48	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C49	110001	CAP	TANTA	6.8 MFD	35 V	10%	05397	T310B685K035AS
C50	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C51	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C52	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C53	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C54	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C55	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
CR1	210040	DIODE			MA47600		96341	MA47600
CR2	210040	DIODE			MA47600		96341	MA47600
CR3	210040	DIODE			MA47600		96341	MA47600
CR4	210004	DIODE	SILICO		1N4004		81349	1N4004
CR5	210040	DIODE			MA47600		96341	MA47600
CR6	211083	DIODE	SILICO		1N916B		81349	1N916B
CR7	211083	DIODE	SILICO		1N916B		81349	1N916B
CR8	210040	DIODE			MA47600		96341	MA47600
CR9	210026	DIODE	RF DETECTOR		1N82AG		81349	1N82AG
CR10	210026	DIODE	RF DETECTOR		1N82AG		81349	1N82AG
CR11	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR12	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR13	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR14	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR15	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR16	210026	DIODE	RF DETECTOR		1N82AG		81349	1N82AG
CR17	210004	DIODE	SILICO		1N4004		81349	1N4004
J12	600610	CONN	RECPTLE		50-053-0000		98291	50-053-0000
J13	600610	CONN	RECPTLE		50-053-0000		98291	50-053-0000
L1	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L2	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L3	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L4	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L5	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L6	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L7	310062	CHOKE	RF	22 UH	1537-44		99800	1537-44
L8	310081	CHOKE	INDUCTOR				21793	310081
L9	310099	CHOKE			310099		21793	310099
L10	310081	CHOKE	INDUCTOR				21793	310081
L11	310099	CHOKE			310099		21793	310099

406120 – Assy., PCB, 550 MHz PRESCALER (50 mV) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
L12	310081	CHOKE	INDUCTOR			21793	310081
L13	310081	CHOKE	INDUCTOR			21793	310081
L14	310104	CHOKE		7 TURN		21793	310104
L15	310103	CHOKE		8 TURN		21793	310103
M1	230045	INTEGRATED CIRCUIT		UA741C		07263	U6E7741393
M2	230095	INTEGRATED CIRCUIT		MC1670L		04713	MC1670L
P10	600593	CONN	6 PIN		250-06-30-170	71785	250-06-30-170
Q1	200035	TRANS	SILICO	NPN	014	21793	200035
Q2	200011	TRANS	SILICO	PNP	009	21793	200011
Q3	200151	TRANS	SILICO	SELECTED	2N5179	21793	200151
Q4	200151	TRANS	SILICO	SELECTED	2N5179	21793	200151
Q5	200212	TRANS		NPN	2N6305	81349	2N6305
Q6	200238	TRANS	MATCHED SET			21793	200238
Q7	200238	TRANS	MATCHED SET			21793	200238
Q8	200186	TRANS	MATCHED PAIR WITH Q11			21793	200186
Q9	200238	TRANS	MATCHED SET			21793	200238
Q10	200238	TRANS	MATCHED SET			21793	200238
Q11	200186	TRANS	MATCHED PAIR WITH Q8			21793	200186
Q12	200238	TRANS	MATCHED SET			21793	200238
Q13	200238	TRANS	MATCHED SET			21793	200238
Q14	200186	TRANS	MATCHED PAIR WITH Q17			21793	200186
Q15	200238	TRANS	MATCHED SET			21793	200238
Q16	200238	TRANS	MATCHED SET			21793	200238
Q17	200186	TRANS	MATCHED PAIR WITH Q14			21793	200186
Q18	200186	TRANS	MATCHED PAIR WITH Q19			21793	200186
Q19	200186	TRANS	MATCHED PAIR WITH Q18			21793	200186
Q20	200151	TRANS	SILICO	SELECTED	2N5179	21793	200151
R1	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R2	001683	RES	CARBON	47 OHM	5% 1/2W	81349	RC20GF470J
R3	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R4	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R5	001675	RES	CARBON	100 OHM	5% 1/2W	81349	RC20GF101J
R6	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R7	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R8	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R9	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R10	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R11	001788	RES	CARBON	470 OHM	5% 1 W		See Description
R12	000752	RES	CARBON	7.5 K	5% 1/4W	81349	RC07GF752J
R13	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R14	030007	RES	WW	150 OHM	5% 3 W	44655	4396

406120 – Assy., PCB, 550 MHz PRESCALER (50 mV) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R15	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R16	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R17	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R18	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R19	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R20	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R21	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R22	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R23	000822	RES	CARBON	8.2 K	5% 1/4W	81349	RC07GF822J
R24	001737	RES	CARBON		5% 1/4W	21793	001737
R25	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R26	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R27	000132	RES	CARBON	1.3 K	5% 1/4W	81349	RC07GF132J
R28	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R30	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R31	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R32	000752	RES	CARBON	7.5 K	5% 1/4W	81349	RC07GF752J
R33	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R34	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R35	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R36	000510	RES	CARBON	51 OHM	5% 1/4W	81349	RC07GF510J
R37	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R38	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R39	000682	RES	CARBON	6.8 K	5% 1/4W	81349	RC07GF682J
R40	000150	RES	CARBON	15 OHM	5% 1/4W	81349	RC07GF150J
R41	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R42	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R43	000471	RES	CARBON	470 OHM	5% 1/4W	81349	RC07GF471J
R44	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R45	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R46	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R47	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R48	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R49	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R50	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R51	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R52	000240	RES	CARBON	24 OHM	5% 1/4W	81349	RC07GF240J
R53	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R54	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R55	000270	RES	CARBON	27 OHM	5% 1/4W	81349	RC07GF270J
R56	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R57	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R58	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R59	000823	RES	CARBON	82 K	5% 1/4W	81349	RC07GF823J
R60	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R61	000270	RES	CARBON	27 OHM	5% 1/4W	81349	RC07GF270J
R62	000472	RES	CARBON	4.7 K	5% 1/4W	81349	RC07GF472J
R63	000151	RES	CARBON	150 OHM	5% 1/4W	81349	RC07GF151J

406120 – Assy., PCB, 550 MHz PRESCALER (50 mV) *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R64	000821	RES	CARBON	820 OHM	5% 1/4W	81349	RC07GF821J
R65	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R66	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R67	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J
R68	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R69	000200	RES	CARBON	20 OHM	5% 1/4W	81349	RC07GF200J
R70	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R71	000300	RES	CARBON	30 OHM	5% 1/4W	81349	RC07GF300J
R72	000300	RES	CARBON	30 OHM	5% 1/4W	81349	RC07GF300J
R73	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R74	001794	RES	CARBON	1 K	5% 1/8W	01121	See Descrpt.
R75	000332	RES	CARBON	3.3 K	5% 1/4W	81349	RC07GF332J
R76	001794	RES	CARBON	1 K	5% 1/8W	01121	See Descrpt.
R77	000131	RES	CARBON	130 OHM	5% 1/4W	81349	RC07GF131J
R78	000391	RES	CARBON	390 OHM	5% 1/4W	81349	RC07GF391J

406114 – Assy., PCB, 500 MHz PRESCALER (1 mV) OPTION 030 (8030B Only)

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
B1	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B2	920563	BEADS, SHIELDING 56-59065/4B					02114	56-59065/4B
B3	406466	CHOKE ASSY FERRITE BEADS 406466					21793	406466
B4	406466	CHOKE ASSY FERRITE BEADS 406466					21793	406466
B5	406466	CHOKE ASSY FERRITE BEADS 406466					21793	406466
C1	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C2	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C3	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C4	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C5	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C6	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C7	110001	CAP	TANTA	6.8 MFD	35 V	20%	05397	T310B685K035AS
C8	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C9	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C10	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C11	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C12	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C13	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C14	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C15	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C16	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C17	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C18	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C19	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C20	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C21	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C22	100025	CAP	CERAM	.005 MFD	100 V	20%	72982	835-000-X5V0502Z
C23	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C24	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C25	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C26	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C27	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C28	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C29	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C30	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C31	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C32	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C33	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C34	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C35	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C36	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C37	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C38	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C39	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M

REF DES	DANA P/N	DESCRIPTION					FSC	MANU P/N
C40	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C41	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C42	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C43	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C44	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C45	100009	CAP	CERAM	5 PFD	500 V	10%	71471	TCDI-1(N750)
C46	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C47	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C48	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C49	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C50	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C51	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C52	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C53	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C54	110001	CAP	TANTA	6.8 MFD	35 V	20%	05397	T310B685K035AS
C55	110001	CAP	TANTA	6.8 MFD	35 V	20%	05397	T310B685K035AS
C56	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C57	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C58	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C59	110001	CAP	TANTA	6.8 MFD	35 V	20%	05397	T310B685K035AS
C60	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C61	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C62	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C63	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C64	101174	CAP	CERAM	.001 MFD	500 V	10%	04222	SCD-DI-2X5F-1000
C65	130104	CAP	CERAM	.001 MFD	100 V	20%	72982	9ACF-W5R102M
C66	130103	CAP	CERAM	.01 MFD	25 V	20%	72982	9ACF-W5R103M
C67	100130	CAP	CERAM	10 PFD	100 V	10%	71590	CN15A100K
C68	100060	CAP	CERAM	15 PFD	1000 V	5%	56289	C030B102E150J
C69	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
C70	100017	CAP	CERAM	.01 MFD	100 V	20%	56289	C023B101F103M
CR1	210022	DIODE			HP5082-3080		50434	HP5082-3080
CR2	210022	DIODE			HP5082-3080		50434	HP5082-3080
CR3	210022	DIODE			HP5082-3080		50434	HP5082-3080
CR4	220007	DIODE	SILICO	ZENER	1N751A		81349	1N751A
CR5	220007	DIODE	SILICO	ZENER	1N751A		81349	1N751A
CR6	210022	DIODE			HP 5082-3080		50434	HP5082-3080
CR7	210004	DIODE	SILICO		1N4004		81349	1N4004
CR8	210022	DIODE			HP 5082-3080		50434	HP5082-3080
CR9	211083	DIODE	SILICO		1N916B		81349	1N916B
CR10	211083	DIODE	SILICO		1N916B		81349	1N916B
CR11	220007	DIODE	SILICO	ZENER	1N751A		81349	1N751A
CR12	210026	DIODE		RF DETECTOR	1N82AG		81349	1N82AG
CR13	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR14	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR15	220031	DIODE	SILICO	ZENER	1/4M3.3AZ5		04713	1/4M3.3AZ5
CR16	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR17	210069	DIODE	SILICO	Matched Set of 4			21793	210069
CR18	210026	DIODE		RF DETECTOR	1N82AG		81349	1N82AG
CR19	210026	DIODE		RF DETECTOR	1N82AG		81349	1N82AG
CR20	211083	DIODE	SILICO		1N916B		81349	1N916B

406114 - Assy., PCB, 500 MHz PRESCALER (1 mV) OPTION 030 *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
CR21	210004	DIODE	SILICO		1N4004	81349	1N4004
J12	600610	CONN	RECEPTACLE			98291	50-053-0000
J13	600610	CONN	RECEPTACLE			98291	50-053-0000
L1	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L2	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L3	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L4	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L5	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L6	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L7	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L8	310087	CHOKE				21793	310087
L9	310087	CHOKE				21793	310087
L10	310081	CHOKE	INDUCTOR			21793	310081
L11	310066	CHOKE	RF	.68 UH	1025-16	99800	1025-16
L12	310087	CHOKE				21793	310087
L13	310087	CHOKE				21793	310087
L14	310081	CHOKE	INDUCTOR			21793	310081
L15	310087	CHOKE				21793	310087
L16	310066	CHOKE	RF	.68 UH	1025-16	99800	1025-16
L17	310087	CHOKE				21793	310087
L18	310081	CHOKE	INDUCTOR			21793	310081
L19	310087	CHOKE				21793	310087
L20	310066	CHOKE	RF	.68 UH	1025-16	99800	1025-16
L21	310087	CHOKE				21793	310087
L22	310081	CHOKE	INDUCTOR			21793	310081
L23	310087	CHOKE				21793	310087
L24	310066	CHOKE	RF	.68 UH	1025-16	99800	1025-16
L25	310081	CHOKE	INDUCTOR			21793	310081
L26	310092	CHOKE	RF	.1 UH	9230-94	76493	9230-94
L27	310062	CHOKE	RF	22 UH	1537-44	99800	1537-44
L28	310087	CHOKE				21793	310087
M1	230045	INTEGRATED CIRCUIT			UA741C	07263	U6E7741393
M2	230095	INTEGRATED CIRCUIT			MC1670L	04713	MC1670L
P10	730421	CONN	6 PIN	MODIFIED	730421	21793	730421
Q1	200149	TRANS	SILICO	NPN	2N3569	81349	2N3569
Q2	200148	TRANS	SILICO	PNP	2N3638	81349	2N3638
Q3	200255	TRANS	SILICO	NPN	TP491	07716	TP491
Q4	200255	TRANS	SILICO	NPN	TP491	07716	TP491
Q5	200255	TRANS	SILICO	NPN	TP491	07716	TP491
Q6	200255	TRANS	SILICO	NPN	TP491	07716	TP491
Q7	200255	TRANS	SILICO	NPN	TP491	07716	TP491
Q8	200238	TRANS	MATCHED SET			21793	200238
Q9	200238	TRANS	MATCHED SET			21793	200238

406114 – Assy., PCB, 500 MHz PRESCALER (1 mV) OPTION 030 *continued*

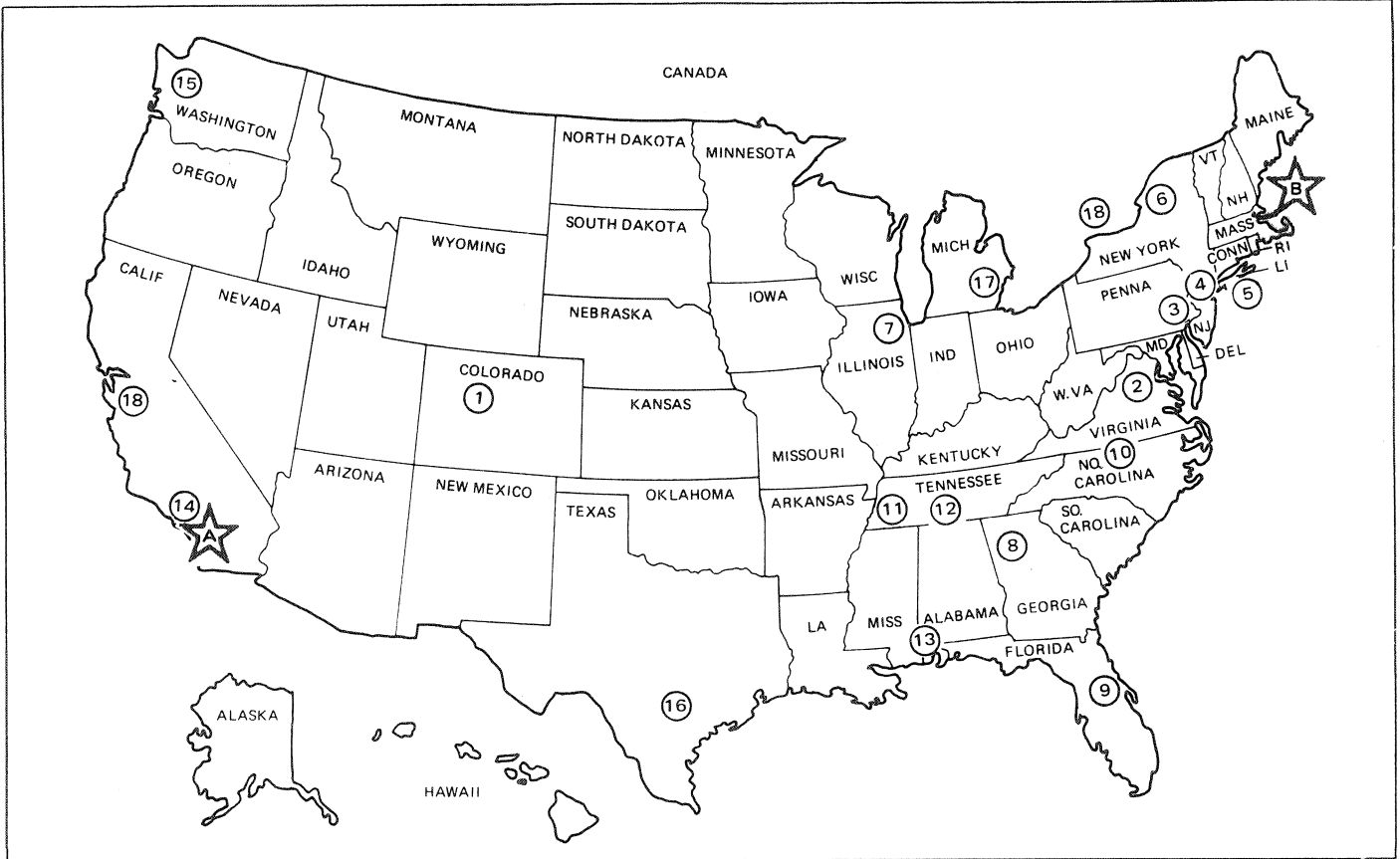
REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
Q10	200186	TRANS	MATCHED PAIR WITH Q12			21793	200186
Q11	200238	TRANS	MATCHED SET			21793	200238
Q12	200186	TRANS	MATCHED PAIR WITH Q10			21793	200186
Q13	200238	TRANS	MATCHED SET			21793	200238
Q14	200238	TRANS	MATCHED SET			21793	200238
Q15	200238	TRANS	MATCHED SET			21793	200238
Q16	200186	TRANS	MATCHED PAIR WITH Q19			21793	200186
Q17	200238	TRANS	MATCHED SET			21793	200238
Q18	200238	TRANS	MATCHED SET			21793	200238
Q19	200186	TRANS	MATCHED PAIR WITH Q16			21793	200186
Q20	200186	TRANS	MATCHED PAIR WITH Q21			21793	200186
Q21	200186	TRANS	MATCHED PAIR WITH Q20			21793	200186
Q22	200151	TRANS	SILICO NPN SELECTED 2N5179			21793	200151
R1	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R2	001683	RES	CARBON	47 OHM	5% 1/2W	81349	RC20GF470J
R3	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R4	001684	RES	CARBON	39 OHM	5% 1/2W	81349	RC20GF390J
R5	001159	RES	CARBON	330 OHM	5% 1/2W	81349	RC20GF331J
R6	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R7	001472	RES	CARBON	10 OHM	5% 1/2W	81349	RC20GF100J
R8	000362	RES	CARBON	3.6 K	5% 1/4W	81349	RC07GF362J
R9	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J
R10	000101	RES	CARBON	100 OHM	5% 1/4W	81349	RC07GF101J
R11	000470	RES	CARBON	47 OHM	5% 1/4W	81349	RC07GF470J
R12	001773	RES	CARBON	200 OHM	5% 1/8W	81349	RC05GF201J
R13	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R14	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R15	000430	RES	CARBON	43 OHM	5% 1/4W	81349	RC07GF430J
R16	000680	RES	CARBON	68 OHM	5% 1/4W	81349	RC07GF680J
R17	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R18	000822	RES	CARBON	8.2 K	5% 1/4W	81349	RC07GF822J
R19	000302	RES	CARBON	3 K	5% 1/4W	81349	RC07GF302J
R20	000111	RES	CARBON	110 OHM	5% 1/4W	81349	RC07GF111J
R21	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R22	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R23	001773	RES	CARBON	200 OHM	5% 1/8W	81349	RC05GF201J
R24	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R25	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R26	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R27	000912	RES	CARBON	9.1 K	5% 1/4W	81349	RC07GF912J
R28	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R29	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R30	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R31	040122	POT	200 OHM	62PR200		73138	62PR200

406114 – Assy., PCB, 500 MHz PRESCALER (1 mV) OPTION 030 *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R32	000242	RES	CARBON	2.4 K	5% 1/4W	81349	RC07GF242J
R33	000272	RES	CARBON	2.7 K	5% 1/4W	81349	RC07GF272J
R34	001773	RES	CARBON	200 OHM	5% 1/8W	81349	RC05GF201J
R35	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R36	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R37	000822	RES	CARBON	8.2 K	5% 1/4W	81349	RC07GF822J
R38	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R39	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R40	001773	RES	CARBON	200 OHM	5% 1/8W	81349	RC05GF201J
R41	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R42	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R43	000752	RES	CARBON	7.5 K	5% 1/4W	81349	RC07GF752J
R44	000102	RES	CARBON	1 K	5% 1/4W	81349	RC07GF102J
R45	000681	RES	CARBON	680 OHM	5% 1/4W	81349	RC07GF681J
R46	001773	RES	CARBON	200 OHM	5% 1/8W	81349	RC05GF201J
R47	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R48	000103	RES	CARBON	10 K	5% 1/4W	81349	RC07GF103J
R49	000562	RES	CARBON	5.6 K	5% 1/4W	81349	RC07GF562J
R50	000361	RES	CARBON	360 OHM	5% 1/4W	81349	RC07GF361J
R51	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R54	000512	RES	CARBON	5.1 K	5% 1/4W	81349	RC07GF512J
R55	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R56	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R57	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R58	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R59	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R60	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R61	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R62	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R63	000240	RES	CARBON	24 OHM	5% 1/4W	81349	RC07GF240J
R64	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R65	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R66	000130	RES	CARBON	13 OHM	5% 1/4W	81349	RC07GF130J
R67	000182	RES	CARBON	1.8 K	5% 1/4W	81349	RC07GF182J
R68	000121	RES	CARBON	120 OHM	5% 1/4W	81349	RC07GF121J
R69	001787	RES	CARBON	20 OHM	5% 1/8W	01121	See Descript.
R70	000823	RES	CARBON	82 K	5% 1/4W	81349	RC07GF823J
R71	001737	RES	CARBON	FSV	5% 1/4W	21793	001737
R72	000270	RES	CARBON	27 OHM	5% 1/4W	81349	RC07GF270J
R73	000362	RES	CARBON	3.6 K	5% 1/4W	81349	RC07GF362J
R74	000151	RES	CARBON	150 OHM	5% 1/4W	81349	RC07GF151J
R75	000511	RES	CARBON	510 OHM	5% 1/4W	81349	RC07GF511J
R76	000271	RES	CARBON	270 OHM	5% 1/4W	81349	RC07GF271J
R77	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J
R78	000301	RES	CARBON	300 OHM	5% 1/4W	81349	RC07GF301J

406114 – Assy., PCB, 500 MHz PRESCALER (1 mV) OPTION 030 *continued*

REF DES	DANA P/N	DESCRIPTION				FSC	MANU P/N
R79	000751	RES	CARBON	750 OHM	5% 1/4W	81349	RC07GF751J
R80	000200	RES	CARBON	20 OHM	5% 1/4W	81349	RC07GF200J
R81	001792	RES	CARBON	150 OHM	5% 1/8W	81349	RC05GF151J
R82	001782	RES	CARBON	180 OHM	5% 1/8W	81349	RC05GF181J
R83	001782	RES	CARBON	180 OHM	5% 1/8W	81349	RC05GF181J
R84	001782	RES	CARBON	180 OHM	5% 1/8W	81349	RC05GF181J
R85	001782	RES	CARBON	180 OHM	5% 1/8W	81349	RC05GF181J
R86	000100	RES	CARBON	10 OHM	5% 1/4W	81349	RC07GF100J



AUTHORIZED SERVICE CENTERS

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 P.O. Box 1062
 Boulder Industrial Park
 Boulder, Colorado 80302
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AMERICAN ELECTRONIC LABORATORIES

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 Falls Church, Virginia 22042
 Telephone: (703) 573-8240

3 P.O. Box 507
 Lansdale, Pennsylvania 19446
 Telephone: (215) 822-2929

AMPOWER ELECTRONIC INSTRUMENT CO., INC.

4 500 Union Blvd.
 Totowa, New Jersey 07512
 Telephone: (201) 790-6750
 TWX: 710-988-5949

5 59 Central Avenue
 Farmingdale, New York 11735
 Telephone: (516) 752-1078

6 1161 Brighton-Henrietta
 Town Line Road
 Rochester, New York 14623
 Telephone: (716) 473-0140

7 PIVAN SERVICE
 3535 Peterson Avenue
 Chicago, Illinois 60659
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 3020 Commerce Way
 Atlanta, Georgia 30354
 Telephone: (404) 762-5181

9 307 27th Street
 Orlando, Florida 32806
 Telephone: (305) 843-6775

10 5141 Belhaven Blvd.
 Charlotte, North Carolina 28216
 Telephone: (704) 394-4341

11 3053 Tranquility Drive
 Memphis, Tennessee 38116
 Telephone: (901) 332-9258

12 1050 Acorn Drive
 Nashville, Tennessee 37210
 Telephone: (615) 889-8230

13 3450 Armour Drive
 Mobile, Alabama 36607
 Telephone: (205) 479-8581

14 STAUS ENGINEERING
 1900 Tyler Avenue, Unit 26
 South El Monte, California 91733
 Telephone: (213) 442-3634

15 XTEK
 2689 151st Place NE
 Redmond, Washington 98052
 Telephone: (206) 885-6969

16 RHODES-GROOS LABORATORIES
 3409 Andree Blvd.
 Austin, Texas 78724
 Telephone: (512) 928-0813

17 SSCO STANDARDS LABORATORY
 8720 Northend Avenue
 Oak Park, Michigan 48237
 Telephone: (313) 358-2500

18 J.D. ASSOCIATES
 1012 Morse, Suite No. 6
 Sunnyvale, California 94086
 Telephone: (408) 734-5529



RACAL-DANA INSTRUMENTS INC.

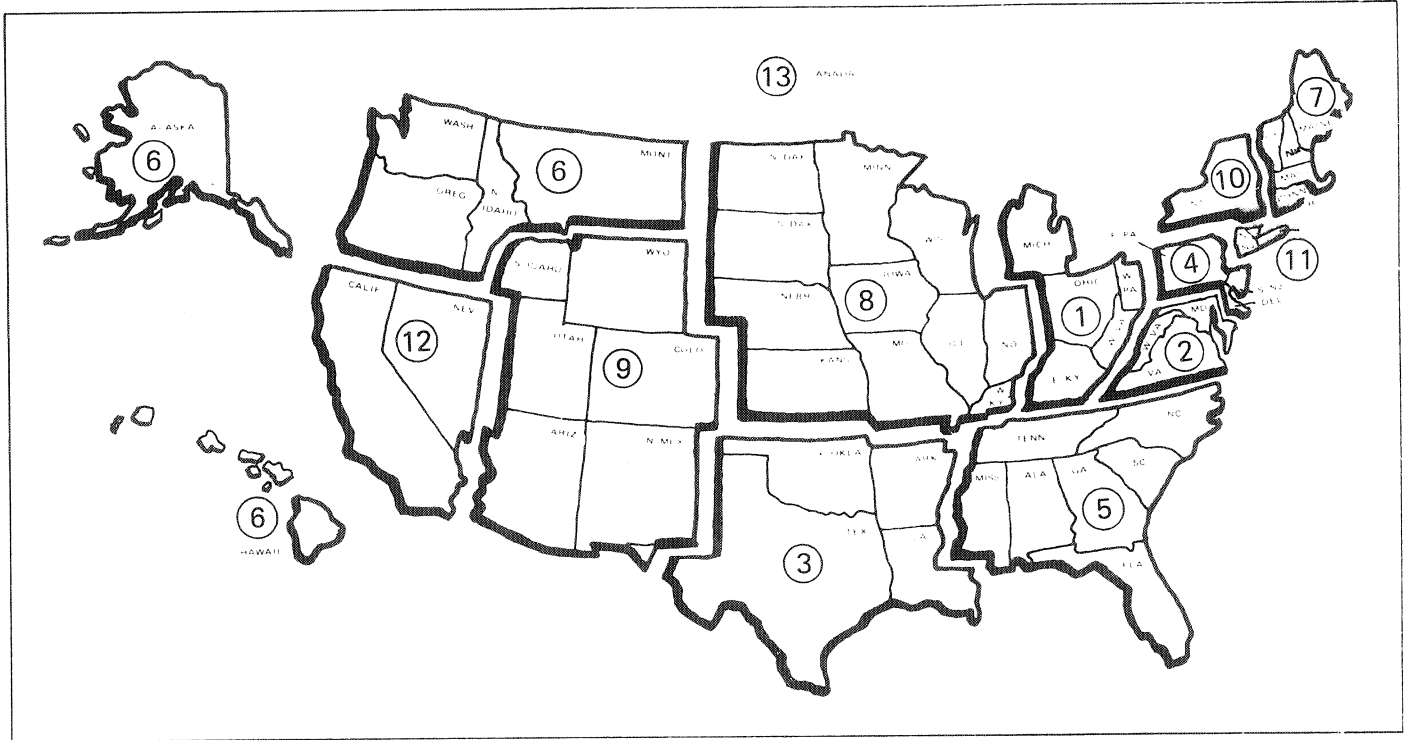
18912 Von Karman Avenue
 Irvine, California 92715
 Telephone: (714) 833-1234

FACTORY SERVICE LOCATIONS



PAT JENKS ASSOCIATES

591 North Ave., Door 3
 Wakefield, Massachusetts 01880
 Telephone: (617) 246-1590



1 CARTER, McCORMICK & PEIRCE, INC.

23995 Freeway Park Drive
Farmington, Michigan 48024
Telephone: (313) 477-7700
TWX: 810-427-2986

22650 Lorain Road
Fairview Park, Ohio 44126
Telephone: (216) 779-5100
TWX: 810-427-9253

4977 Northcutt Place
Behnken Building, Suite 316
Dayton, Ohio 45414
Telephone: (513) 222-7700
TWX: 810-459-1613

409 Beatty Rd.
Monroeville, Pennsylvania 15146
Telephone: (412) 372-4415
TWX: 710-797-3671

2 CREATIVE MARKETING ASSOC.

6845 Elm, Suite 107
McLean, Virginia 22101
Telephone: (703) 893-6612
TWX: 710-833-0310

3 DATA MARKETING ASSOC.

3330 Bering Drive
Houston, Texas 77057
Telephone: (713) 780-2511
TWX: 910-881-2569

14235 Proton Road
Dallas, Texas 75240
Telephone: (214) 661-0300
TWX: 910-860-5483

8622 Crownhill, Suite 105
San Antonio, Texas 78209
Telephone: (512) 828-0937
TWX: 910-871-1033

2401 N.W. 39 Expressway,
Suite 103
Oklahoma City, Oklahoma 73112
Telephone: (405) 528-6071
TWX: None

300 Huntland Avenue, Suite 233
Austin, Texas 78752
Telephone: (512) 451-5174
TWX: None

4 EASTERN INSTRUMENTATION OF PHILADELPHIA

613 West Cheltenham Avenue
Philadelphia, Pennsylvania 19126
Telephone: (215) 927-7777
TWX: 710-670-0949

5 GENTRY ASSOCIATES, INC.

550 N. Bumby Avenue
Orlando, Florida 32803
Telephone: (305) 894-4401
TWX: 810-850-0136

2109 W. Clinton Avenue, Rm 130
Huntsville, Alabama 35805
Telephone: (205) 534-9771
TWX: 810-726-2220

428 Alamance Road
Burlington, North Carolina 27215
Telephone: (919) 227-3639
TWX: 510-921-5751

16 Perimeter Park Dr., Suite 106B
Atlanta, Georgia 30341
Telephone: (404) 455-1206
TWX: None

6 PACIFIC NORTHWEST ELECTRONICS

14264 S.E. Eastgate Way
Bellevue, Washington 98007
Telephone: (206) 641-6444
TWX: None

2035 S.W. 58th Street
Portland, Oregon 97221
Telephone: (503) 292-3505
TWX: None

7 PAT JENKS ASSOCIATES

2315 Whitney Avenue
Hamden, Connecticut 06518
Telephone: (203) 281-0810
TWX: 710-465-2096

591 North Avenue, Door 3
Wakefield, Massachusetts 01880
Telephone: (617) 246-1590
TWX: 710-348-6559

8 PIVAN ENGINEERING CO.

3535 Peterson Avenue
Chicago, Illinois 60659
Telephone: (312) 539-4838
TWX: 910-221-0177

5920 Nall, Suite 102
Shawnee Mission, Kansas 66202
Telephone: (913) 722-1030
TWX: 910-743-4172

11734 Lackland Industrial Drive
St. Louis, Missouri 63141
Telephone: (314) 567-3636
TWX: None

1259 West 86th Street
Indianapolis, Indiana 46260
Telephone: (317) 253-1681
TWX: 810-341-3308

5100 Edina Industrial Blvd.
Minneapolis, Minnesota 55435
Telephone: (612) 835-3060
TWX: 910-576-2982

3055 North Brookfield Road
Brookfield, Wisconsin 53005
Telephone: (414) 786-1940
TWX: None

204 Collins Rd., N.E.
Cedar Rapids, Iowa 52405
Telephone: (319) 377-9434
TWX: None

9 PLS ASSOCIATES, INC.

7418 E. Princeton Avenue
Denver, Colorado 80237
Telephone: (303) 773-1218
TWX: None

4300 H Silver Avenue, S.E.
Albuquerque, New Mexico 87108
Telephone: (505) 255-2330
TWX: None

7120 E. 4th St., Suite 4
Scottsdale, Arizona 85251
Telephone: (602) 994-5461
TWX: None

2332 E. Woodthrus Drive
Sandy, Utah 84070
Telephone: (801) 942-2081
TWX: None

10 SDM REPRESENTATIVES, INC.

23 North Fairview Ave.
Paramus, New Jersey 07652
Telephone: (201) 368-0123
TWX: 710-990-5168

673 Panorama Trail West
Rochester, New York 1462E
Telephone: (716) 381-9962
TWX: None

37 Nectarine Lane
Liverpool, New York 13088
Telephone: (315) 652-8335
TWX: None

11 TECHNICAL MARKETING ASSOC.

2460 Lemoine Avenue
Fort Lee, New Jersey 07024
Telephone: (201) 224-6911
TWX: 710-991-9710

12 WARD/DAVIS ASSOCIATES

16722 South Hawthorne Blvd.
Lawndale, California 90260
Telephone: (213) 542-7740
TWX: None

757 E. Evelyn Avenue
Sunnyvale, California 94085
Telephone: (408) 245-3700
TWX: None

8934 Caminito Verano
La Jolla, California 92037
Telephone: (714) 459-3351
TWX: None

13 TELE-RADIO SYSTEMS LTD.

301 Supertest Road
Downsview Post Office
Toronto, Ontario
CANADA M3J 2M4
(416) 661-3221
TWX: 610-492-2384