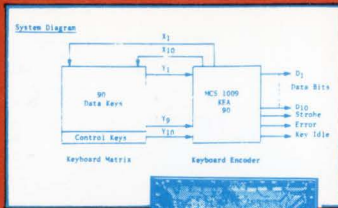
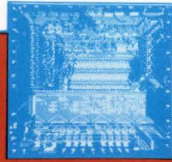


System Diagram



MCS 1007
64 KEY
ENCODER
ARRAY

MCS 1009



MCS 1009 **90 KEY**
KEYBOARD ENCODER
ARRAY

featuring

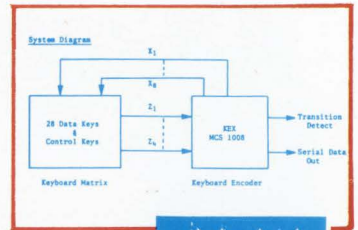
- Four level, 10 bits per level, encoding for 90 keys.
- Dual operation of two KEA 90 arrays for expansion to 180 keys.
- True N-key rollover operation.
- Error detection and data lock-out for simultaneous key depression.
- Manual or automatic repeat operation.
- Parity bit (odd or even externally selected).
- Automatic key inhibit action for selected keys (defined by user).
- Complete switch bounce immunity.
- Latched data outputs and control signal outputs.
- TTL compatibility for all control signals and data outputs.

MCS 1008
(MTS 1008)

28 KEY
KEYBOARD
ENCODER
EXPANDER
ARRAY

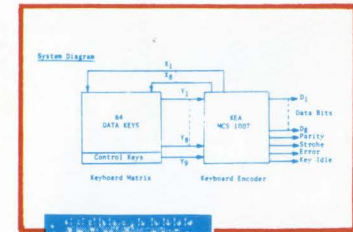
KEY'd up!

MOS KEYBOARD ENCODER ARRAYS!
LSI SUBSYSTEM THAT GENERATES
ENCODED DATA FROM KEYBOARD
SWITCH ENCLOSURES



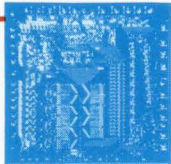
System Diagram

MCS 1008
(MTS 1008)



System Diagram

MCS 1007

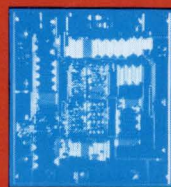


featuring

- Four level encoding of 64 keys.
- Expansion to 92 or 128 keys (using add'l. units).
- True N-key rollover operation.
- Error detection and data lock-out for simultaneous key depression.
- Repeat operation.
- Internal parity generation (odd or even).
- Complete switch bounce immunity.
- Latched data outputs, control signal outputs.
- TTL compatibility for all control signals, data outputs.

CLOCK GENERATOR FEATURES

- 5 KHz to 100 KHz variable frequency, externally selected.
- 25% to 49% variable duty cycle, externally selected.
- Low Output Impedance—up to 500 pf loads are practical.
- Low Power Consumption—220 mw typical.
- May be synchronized with external oscillator.



MTS 2517

MTS 2517
CLOCK GENERATOR AND REPEAT OSCILLATOR

Supplies two phase clock signals and a gated repeat oscillator signal required by Keyboard Encoder products currently available from MOS TECHNOLOGY, INC.

REPEAT OSCILLATOR FEATURES

- 5Hz to 45Hz—variable frequency, externally selected.
- Oscillator Gating—separate on/off controls with variable delay for "on" control.

FEATURING

- Two-level 8 bit encoding of 28 keys.
- True N-key rollover operation.
- Complete switch bounce immunity.
- Serial TTL compatible data output.
- Electrical Shift/Lock.

WE TURNED A TECHNOLOGY INTO A COMPANY

CONTACT US DIRECT

EASTERN REGIONAL SALES DIRECTOR

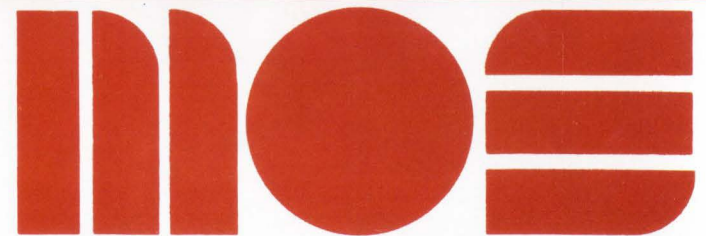
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