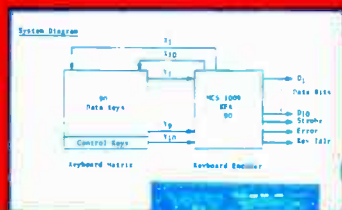
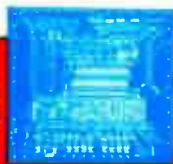


System Diagram



## 64 KEY KEYBOARD 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 45A 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 repeat 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!

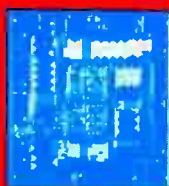
MOS KEYBOARD ENCODER ARRAYS!  
LSI SUBSYSTEM THAT GENERATES  
ENCODED DATA FROM KEYBOARD  
SWITCH ENCLOSURES

## 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.

### CLOCK GENERATOR FEATURES

- 5 KHz to 100 KHz variable frequency, externally selected.
- 25% to 45% variable duty cycle, externally selected.
- Low Output Impedance—up to 500 ohms or loads are practical.
- Low Power Consumption—220 mW typical.
- May be synchronized with external oscillator.

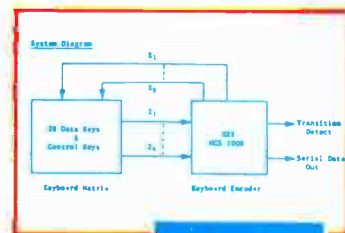


MTS 2517

### REPEAT OSCILLATOR FEATURES

- 500 to 4500 Hz—variable frequency, externally selected.
- Oscillator Gating—user rate on/off controls with variable delay for "on" control.

System Diagram



## MCS 1008 (MTS 1008)

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

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# MOE

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