MCS 1007
KEYBOARD ENCODER ARRAY

featuring
- Four level encoding of 64 keys.
- Expansion to 92 or 128 keys (using add-on 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.

MCS 1008 (MTS 1008)
KEYBOARD ENCODER EXPANDER ARRAY

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.

MCS 1009
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)
KEYBOARD ENCODER EXPANDER ARRAY

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.

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

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 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.

REPEAT OSCILLATOR FEATURES
- 5Hz to 45Hz—variable frequency, externally selected.
- Oscillator Gating—separate on/off controls with variable delay for “on” control.

Circle 900 on reader service card