

T-52-13-07 -



MICROELECTRONICS CENTER

**80 OUTPUT DIRECT LCD DRIVER H0480**

- Up to 25v output drive for newer technology displays.
- Clock shifts up to 20MHz.
- Provides refresh without CPU intervention.
- Single chip solution for small dot matrix or segmented displays.
- Cascading to virtually any size display.
- Low-power CMOS technology.
- Serial/parallel conversion.
- Automatic power-on reset.

**LCD CONTROLLER WITH CHARACTER GENERATOR ROM**

2 ROW X 8 CHARACTER H0208  
2 ROW X 16 CHARACTER H0216  
2 ROW X 24 CHARACTER H0224

- H0208 Controller/Driver is a direct replacement for Hitachi 44780.
- Single chip solution for display applications.
- Extended display capabilities to 40 characters using the Hughes H0480 driver.
- On-chip oscillator circuit for crystal, resistor, or external timing source.
- Standard 160 character 5 x 7 dot format.
- Mask programmable character generator ROM for dot matrix and segmented displays.
- Busy/interrupt signal for end of refresh data transfers.
- Simple interface to 4 or 8-bit microprocessors.
- Low-power CMOS technology.
- Automatic power-on reset.

All devices operate over the full commercial, industrial, and military temperature ranges. Available in die form, Pin Grid Array, plastic Flat Pack, and Leaded Chip Carrier packages.  
Availability: July 1989