

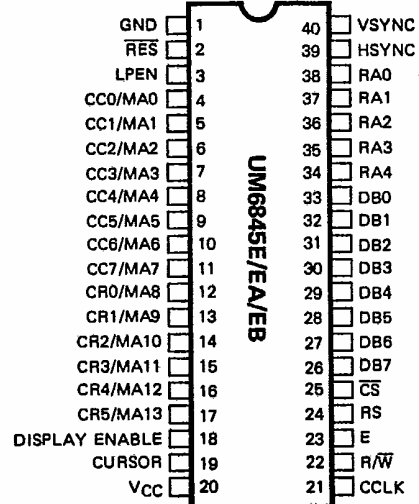
UM6845E/EA/EB CRT Controller

T-52-33-43

Features

- Alphanumeric and limited graphics capabilities
- Fully programmable display (rows, columns, blanking, etc.)
- Interlaced or non-interlaced scan
- 50/60 Hz operation
- Fully programmable cursor
- External light pen capability
- Addressing capability up to 16K-character Video Display RAM
- No DMA required
- Row/column or straight-binary addressing for Video Display RAM
- Video Display RAM configurable as part of microprocessor memory field or as independent slave to UM6845
- 3.7 MHz character clock
- Transparent address mode

Pin Configuration



UM70C171/-50/-65 Color Palette With Triple 6-Bit DAC

Features

- Pixel Rates of 35 MHz, 50 Mhz & 65 MHz.
- 256 x 18 Bit Color Palette
- 256K possible Colors
- Color Palette Read-back
- Three Internal 6-Bit DACs
- Direct Drive (75Ω) Video Cable
- RGB Analog Output
- Composite Blank
- Single +5V Power Supply
- Low Power, High Performance CMOS Process
- TTL Compatible Inputs
- Full Asynchronous μP Interface
- Available in 28 pin DIP and 44 PLCC packages

Pin Configurations

