普 誠 科 技
Princeton Technology Corp.

DESCRIPTION

PT6964 is an LED Controller driven on a 1/5 to 1/8 duty factor. 10 segment output lines, 4 grid output lines, 3 segment/ grid output lines, one display memory, control circuit, key scan circuit are all incorporated into a single chip to build a highly reliable peripheral device for a single chip microcomputer. Serial data is fed to PT6964 via a three-line serial interface. Housed in a 28 pins SOP Package, PT6964 pin assignments and application circuit are optimized for easy PCB Layout and cost saving advantages.

APPLICATIONS

- Micro-computer peripheral device
- VCR set
- Combo set

FEATURES

- CMOS technology
- Low power consumption
- Multiple display modes (10 segments, 7 grids to 13 segments, 4 grids)
- Key scanning (10 x 2 Matrix)
- 8-step dimming circuitry
- Serial interface for clock, data input, data output, strobe pins
- Available in 28 pins, SOP

BLOCK DIAGRAM