

## DESCRIPTION

PT6967 is an LED Controller driven on a 1/5 to 1/8 duty factor. 10 segment output lines, 4 grid output lines, 5 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 PT6967 via a four-line serial interface. Housed in a 32-pin SOP and QFN, PT6967 pin assignments and application circuit are optimized for easy PCB Layout and cost saving advantages.

## FEATURES

- CMOS technology
- Low power consumption
- Multiple display modes (15 segment, 4 Grid to 10 segment, 9 Grid)
- Key scanning (10 x 3 Matrix)
- 8-Step dimming circuitry
- Serial interface for Clock, Data Input, Data Output, Strobe Pins and low voltage operation ability when user's MCU power supply is 3.3V
- Available in 32-pin SOP and QFN

## APPLICATIONS

- Micro-computer Peripheral Device
- VCR Set
- Combo Set

## BLOCK DIAGRAM

