

DESCRIPTION

The PT6969 is a compact LED driver for 8 segments (SEG) / 6 Digits (DGT) LEDs. The device can be programmed via the SPI compatible interface. The high logic and low logic control thresholds are specially designed for white goods and industry applications.

APPLICATIONS

- Set-top-boxes
- White goods
- Home appliances
- BD/DVD players

FEATURES

- LED driver with 14 outputs (8 segments (SEG) / 6 Digits (DGT))
- 40mA load current capability to each segment
- Key-scanning 8 x 2 matrix
- Single external resistor for output current set
- A single LED digit output (DGT0_LED) can be used to drive up to 8 discrete LEDs
- 3-wire SPI-bus interface(DIN/DOUT, CLK, STB)
- 8-step dimming circuit to control brightness of individual LEDs for LED digit
- Serial interface for Clock, Data Input, Strobe Pins and low voltage operation ability when user's MCU power supply is 3.3V.
- Available in 24 SOP package

BLOCK DIAGRAM

