



DESCRIPTION

The PT6950 is a compact LED driver for 144 single LEDs. The device can be programmed via the I²C or SPI compatible interface. The high logic and low logic control threshold are specially designed for white goods and industry application. The PT6950 offers two blocks each driving 72 LEDs with 1/9 cycle rate.

APPLICATIONS

- Micro-computer Peripheral Device

FEATURES

- CMOS technology
- Low power consumption
- 3-wire SPI-bus interface(DIN, CLK, STB)
- 2-wire I²C interface(SCL, SDA)
- 144 LEDs in dot matrix
- Constant-Current LED Segment Drive
- 16-Step dimming circuitry
- Serial interface for Clock, Data Input, Strobe Pins and low voltage operation ability when user's MCU power supply is 3.3V.
- Integrated Oscillator Circuit
- Available in 28-pin, SOP&QFN

BLOCK DIAGRAM

