

## DESCRIPTION

The PT6952 is a compact LED driver for 132 single LEDs. The device can be programmed via the I<sup>2</sup>C or SPI compatible interface. The high logic and low logic control threshold are specially designed for white goods and industry application.

## APPLICATIONS

- Micro-computer Peripheral Device

## FEATURES

- CMOS technology
- Low power consumption
- 3-wire SPI-bus interface (DIO, CLK, STB)
- 2-wire I<sup>2</sup>C interface (SCL, SDA)
- 132 LEDs in dot matrix
- Constant-Current LED Segment Drive
- 16-Step dimming circuitry
- Serial interface for CLK/SCL, DIO/SDA, STB/SA Pins and low voltage operation ability when user's MCU power supply is 3.3V.
- Key Scanning ( 4X4 Matrix )
- Integrated Oscillator Circuit
- Available in 28-pin, SOP

## BLOCK DIAGRAM

