



## DESCRIPTION

PT6351 is a Vacuum Fluorescent Display Driver IC utilizing CMOS Technology. 28 High Voltage Ports, 17 All Purpose I/O Ports, 9 LED ports, Auto Scan Operation, 4-line Serial Signal (with chip selector), 8 DGT x 8 SG to 16 DGT x 12 SG are all incorporated into a single chip to build a highly reliable peripheral device for a single chip microcomputer. It is housed in 44-pin LQFP Package and is functionally compatible with MN12510F.

## FEATURES

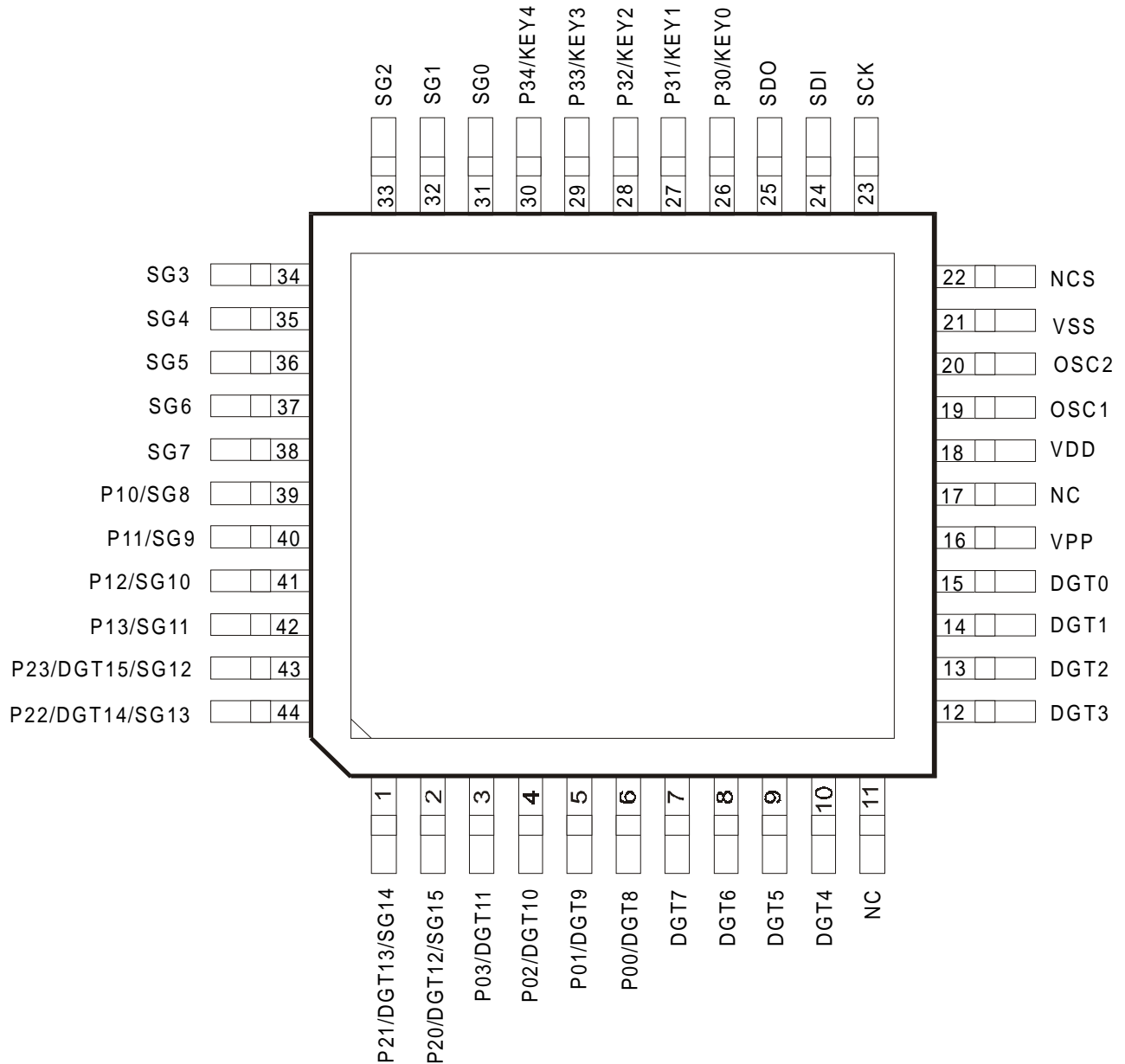
- CMOS Technology
- 28 High Voltage Output Ports: 8 to 16 Digit Ports  
8 to 16 Segment Ports
- 17 All-Purpose I/O Ports
- 9 LED Drive Capable Ports
- Display Modes: 8 DGT x 8 SG to 16 DGT x 12 SG or up to 12 DGT x 16 SG
- 32 Bytes Display Data
- Key Scan Input: 5x12 (max.)
- Display ON/OFF Control
- Auto Scan Operation
- Power ON Reset Circuit
- Supply Voltage: Digital Section:  $VDD = 4.5 \text{ to } 5.5 \text{ V}$   
High Voltage:  $V_{pp} = VDD - 35 \text{ V}$
- Available in 44-pin, LQFP Package
- Functionally Compatible with MN12510F

## APPLICATION

- Peripheral Device for Micro-Computer



**PIN CONFIGURATION**





**APPLICATION CIRCUIT**

