
Output Expander IC**PT8390**

DESCRIPTION

PT8390 is a 12-bit Serial Input, Parallel Output Driver utilizing CMOS Technology. Data input is shifted to the 12-bit internal shift register at the rising edge of the clock pulse. If the data pin is in "HIGH" State, the data in the shift register is outputted in parallel to the P11 to P0 at the falling edge of the clock pulse. Pin assignment and application circuit are optimized for easy PCB Layout and cost saving advantages.

FEATURES

- CMOS Technology
- Low Power Dissipation
- Wide Operating Voltage Range: 2.7 V ~ 5.5V
- High Drive Capability
- Direct Lighting of Green LED is possible
- Available in 16 pins, SOP Package

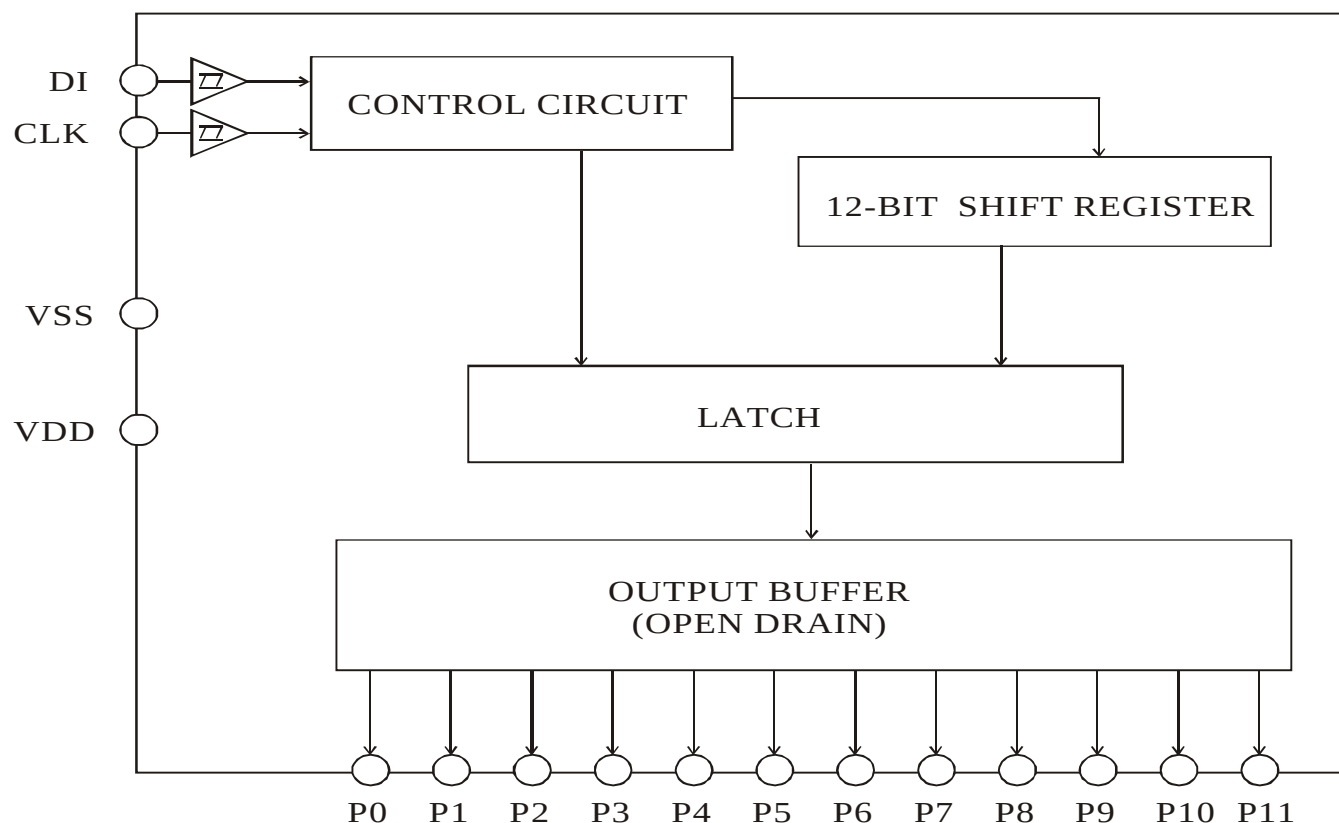
APPLICATIONS

- Radio Cassette Players
- Telephones
- Compact Audio Systems
- Car Stereo

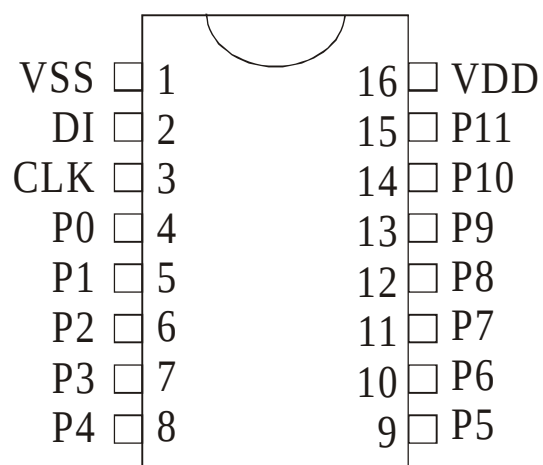
Output Expander IC

PT8390

BLOCK DIAGRAM



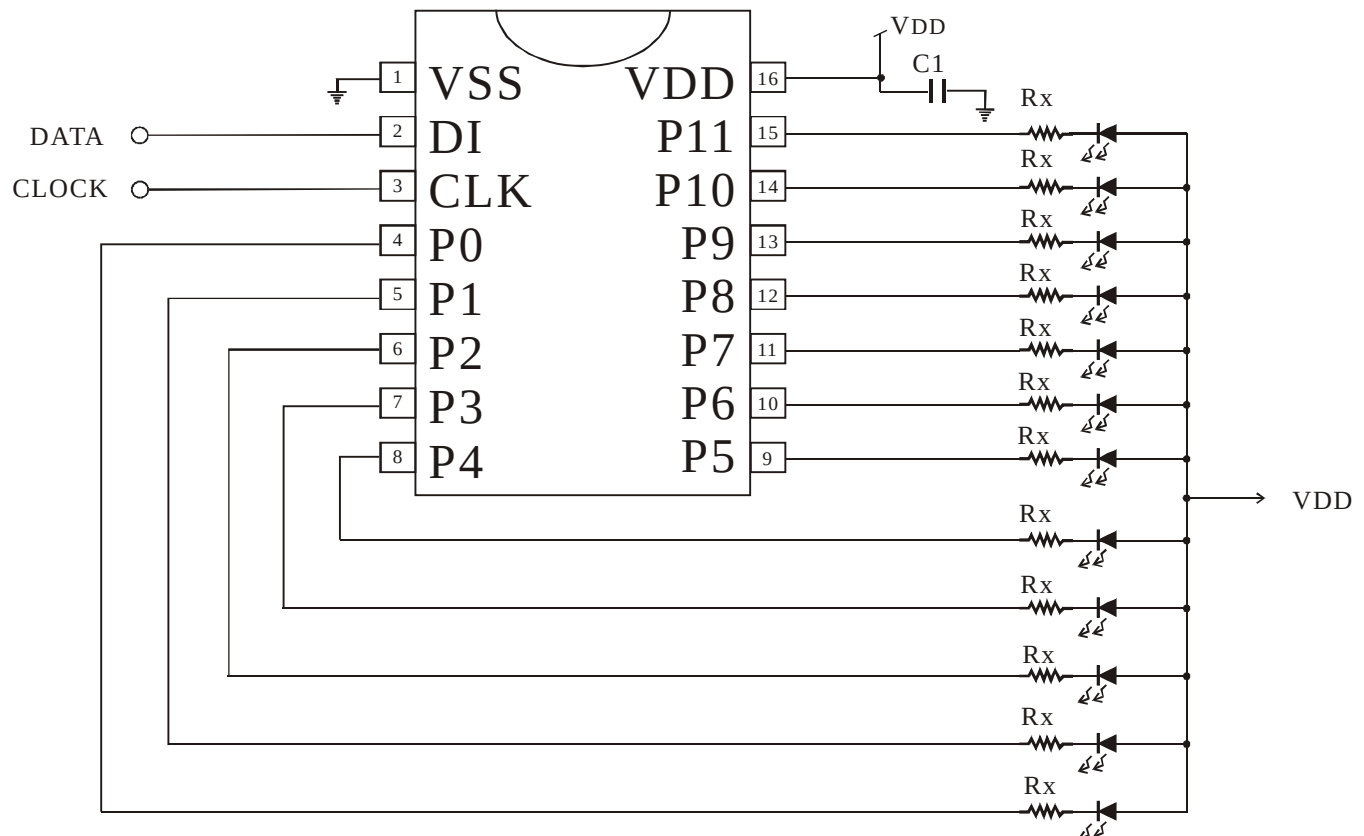
PIN CONFIGURATION



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APPLICATION CIRCUIT



Note: 1. Recommended Maximum Sink Current $\leq 20\text{mA}$.
2. C1 = 0.1 μF

ORDER INFORMATION

Valid Part Number	Package
PT8390-S	16 pins, SOP Package (150 mil)