

## DESCRIPTION

The PT2607 Encoder Series are tri-state remote control encoder ICs utilizing CMOS Technology. It encodes data and address pins into a serially encoded waveform suitable for RF modulation. PT2607 supports up to a maximum 12 address and 8 address/data bits. Housed in either 18, 20 or 24 pins, SO or DIP Package, PT2607's pin assignments and application circuit are optimized for easy PCB Layout and cost saving benefits.

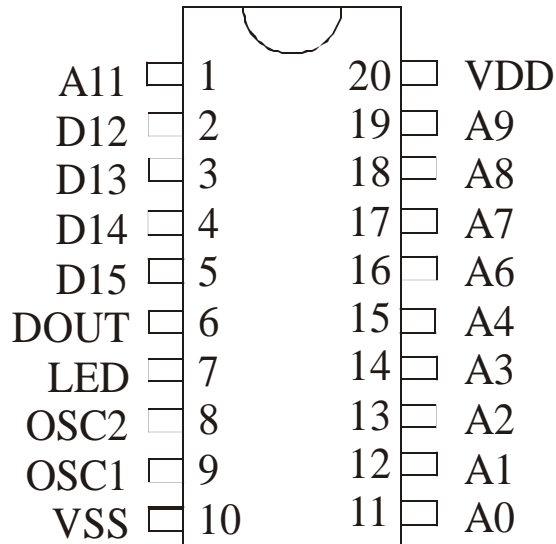
## FEATURES

- CMOS Technology
- Low Power Consumption
- Operating Voltage: 2.4 to 15 V
- Low Standby Current
- Three Words Transmission
- Built-in Oscillator
- Least External Components
- Available in 18, 20 or 24 pins, DIP or SO Package
- Easy to Use

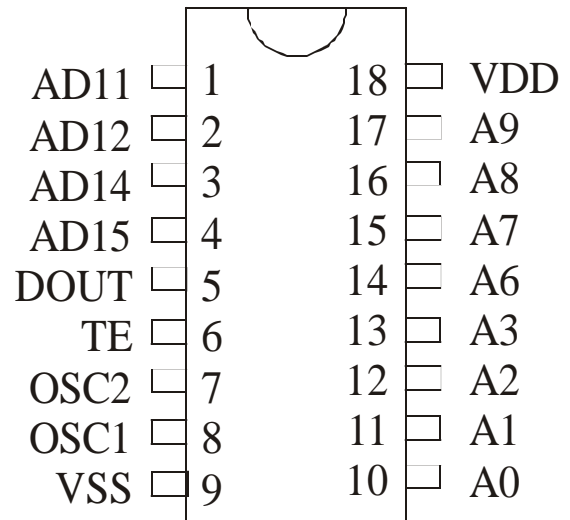
## APPLICATIONS

- Burglar Alarm System
- Car/Motorcycle Security System
- Home/Office Security System
- Smoke & Fire Alarm System
- Toy/Garage Door Remote Controller
- Cordless Telephone
- Object Finder
- Remote Switch
- Remote Control for Industrial Use
- Automation System

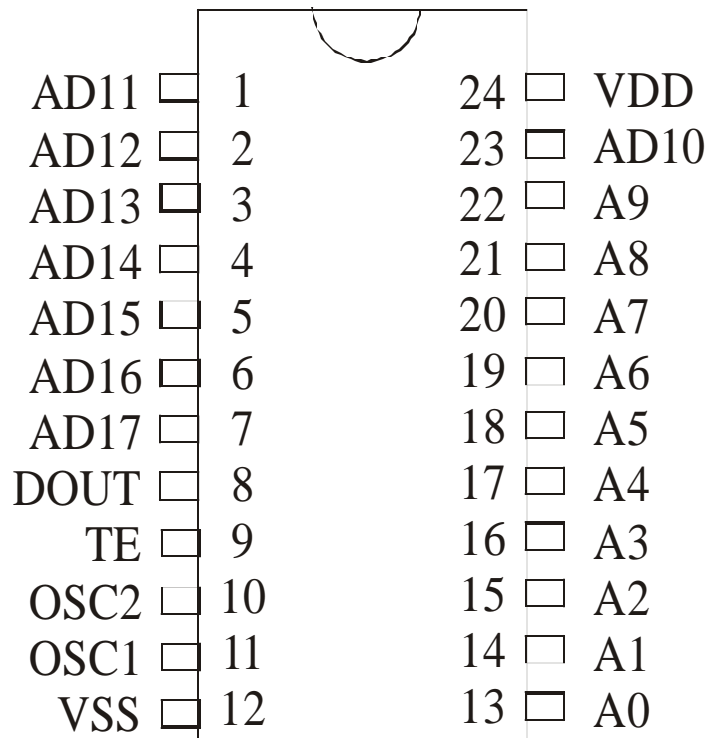
**PIN CONFIGURATION**



PT2607 / PT2607-S

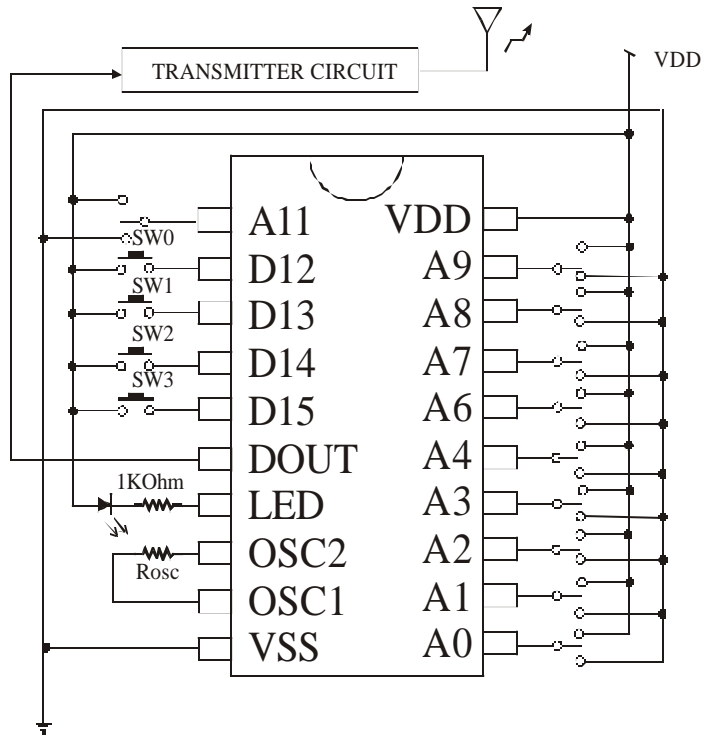


PT2607B / PT2607B-S

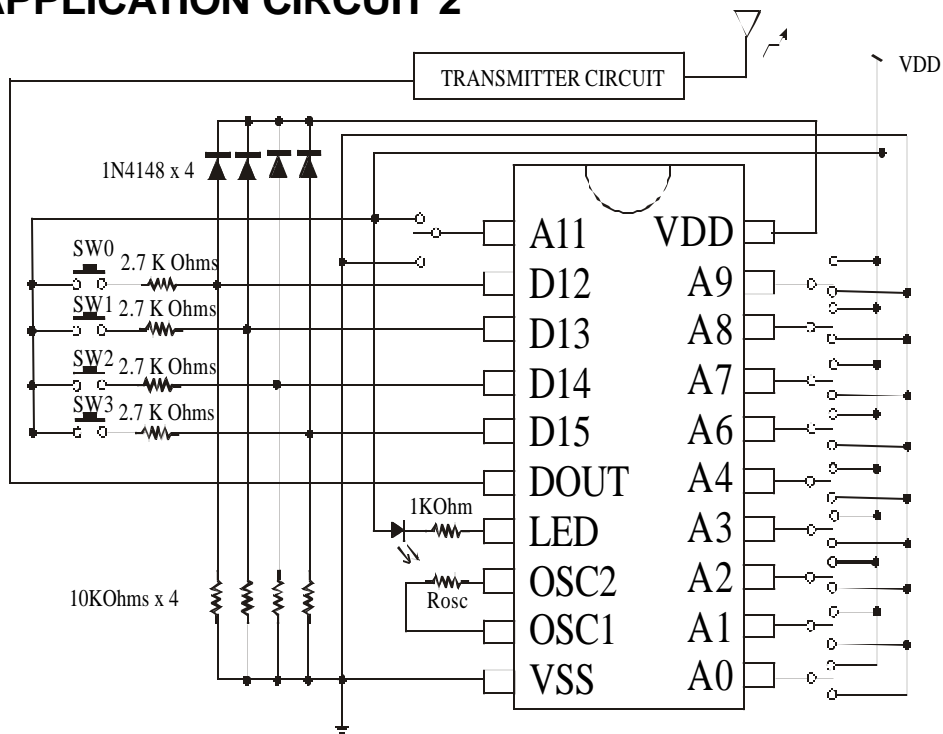


PT2607C / PT2607C-S

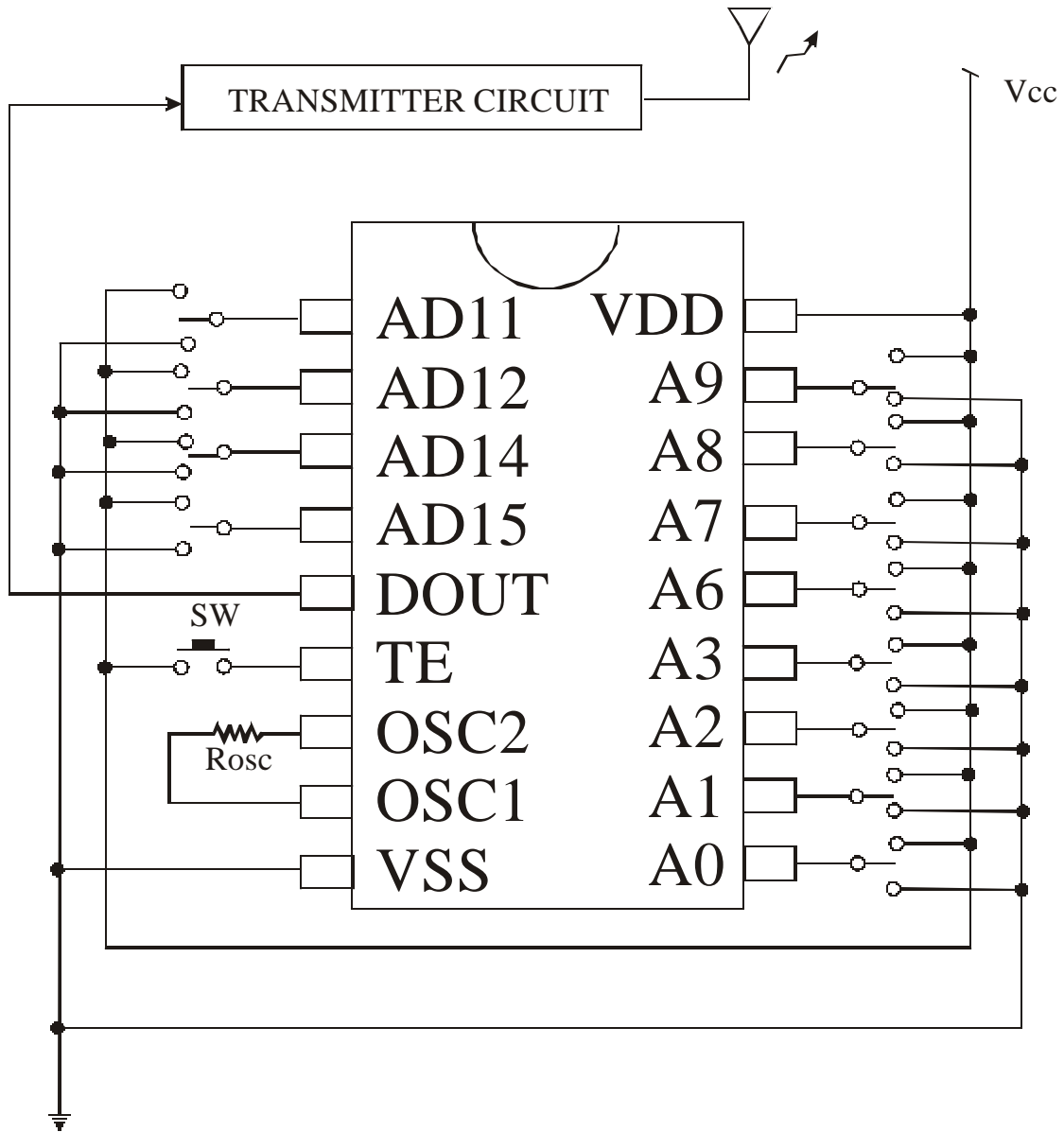
**PT2607 APPLICATION CIRCUIT 1**



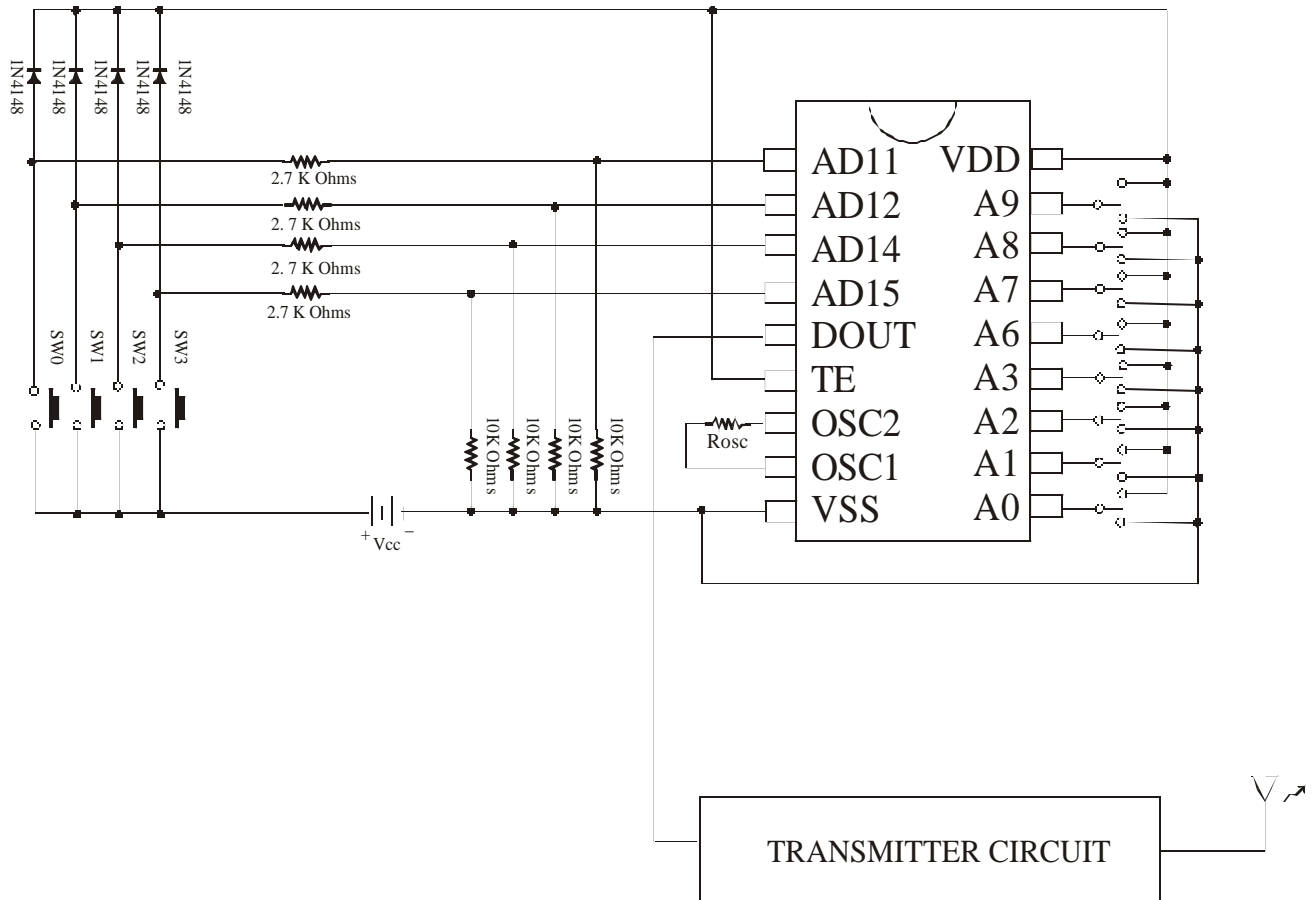
**PT2607 APPLICATION CIRCUIT 2**



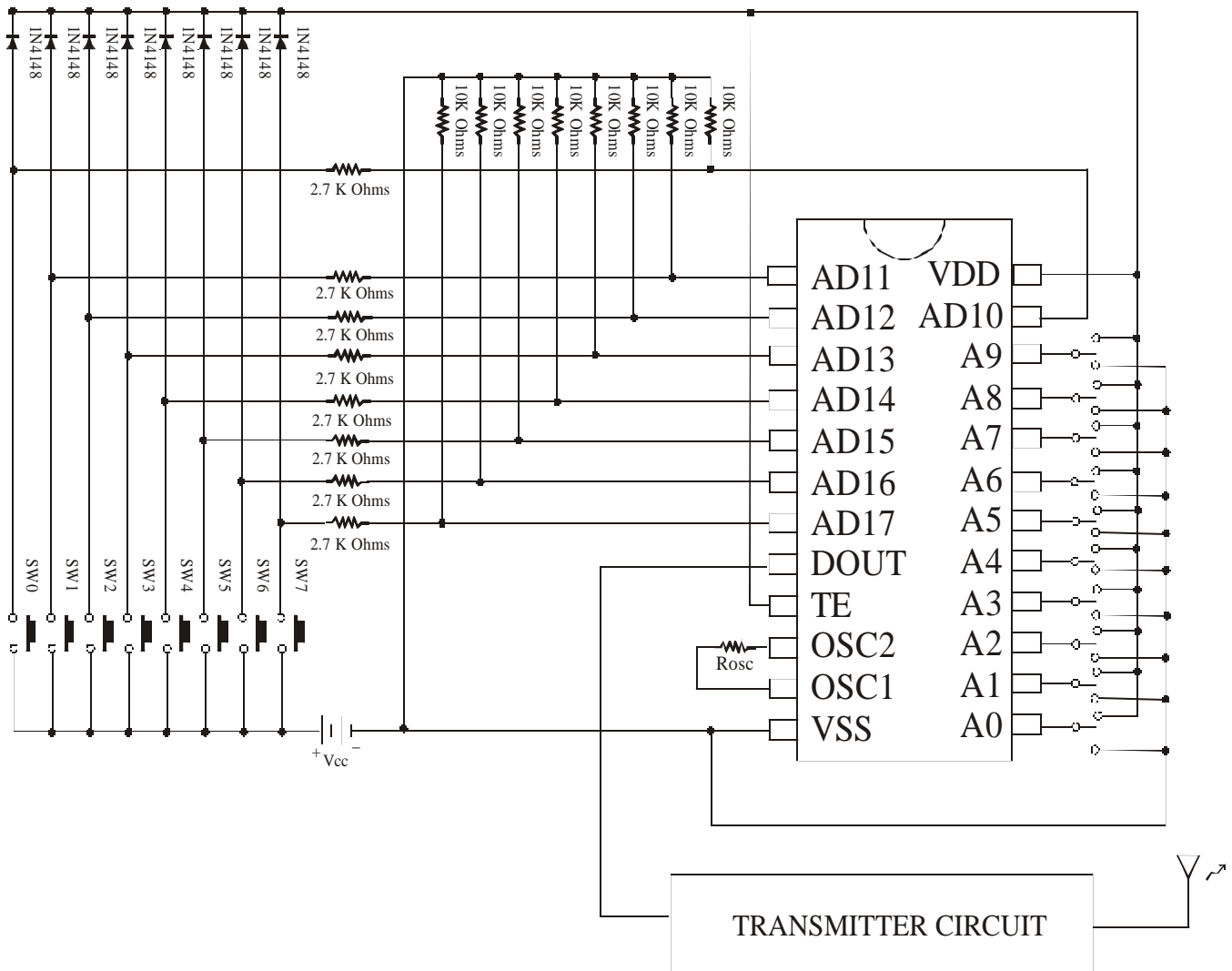
**PT2607B APPLICATION CIRCUIT 1**



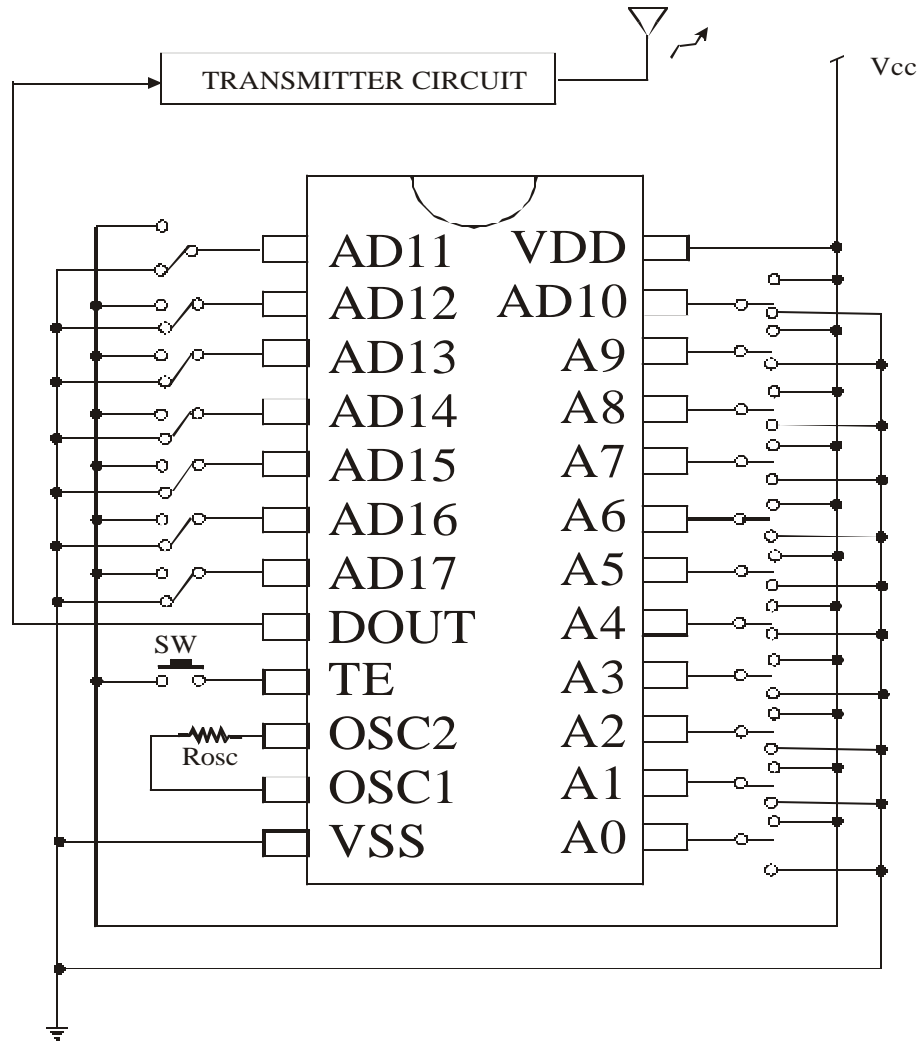
**PT2607B APPLICATION CIRCUIT 2**



**PT2607C APPLICATION CIRCUIT 1**



**PT2607C APPLICATION CIRCUIT 2**



**ORDER INFORMATION**

Order Part Number	Package Type	Top Code
PT2607	20 Pins, DIP Package	PT2607
PT2607-S	20 Pins, SOP Package	PT2607-S
PT2607B	18 Pins, DIP Package	PT2607B
PT2607B-S	18 Pins, SOP Package	PT2607B-S
PT2607C	24 Pins, DIP Package	PT2607C
PT2607C-S	24 Pins, SOP Package	PT2607C-S