
Infrared Remote Control Transmitter

PT2248

Description

PT2248 is an infrared remote control transmitter utilizing CMOS Technology. It is capable of 18 functions and a total of 75 commands. Single-shot and continuous keys are available. Furthermore, multiple keying is possible.

Features

- ☐ CMOS Technology
- ☐ Low Power Consumption
- ☐ Wide Range of Operating Supply Voltage allows Low Voltage Operation ($V_{cc} = 2.2 \sim 5.0 \text{ V}$)
- ☐ Multiple Keying is Possible (Maximum of 6 Keys)
- ☐ Less External Components
- ☐ An Oscillator can be constructed by connecting a ceramic resonator at the oscillation circuit

Applications

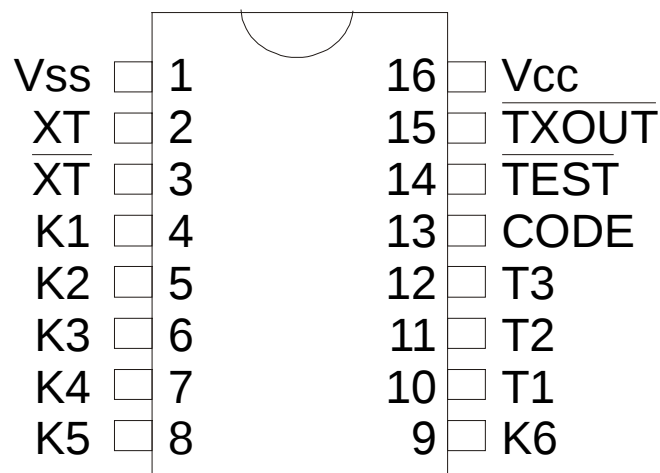
- ☐ Television (TV) Remote Control Transmitter
- ☐ Video Cassette Recorder (VCR) Remote Control Transmitter

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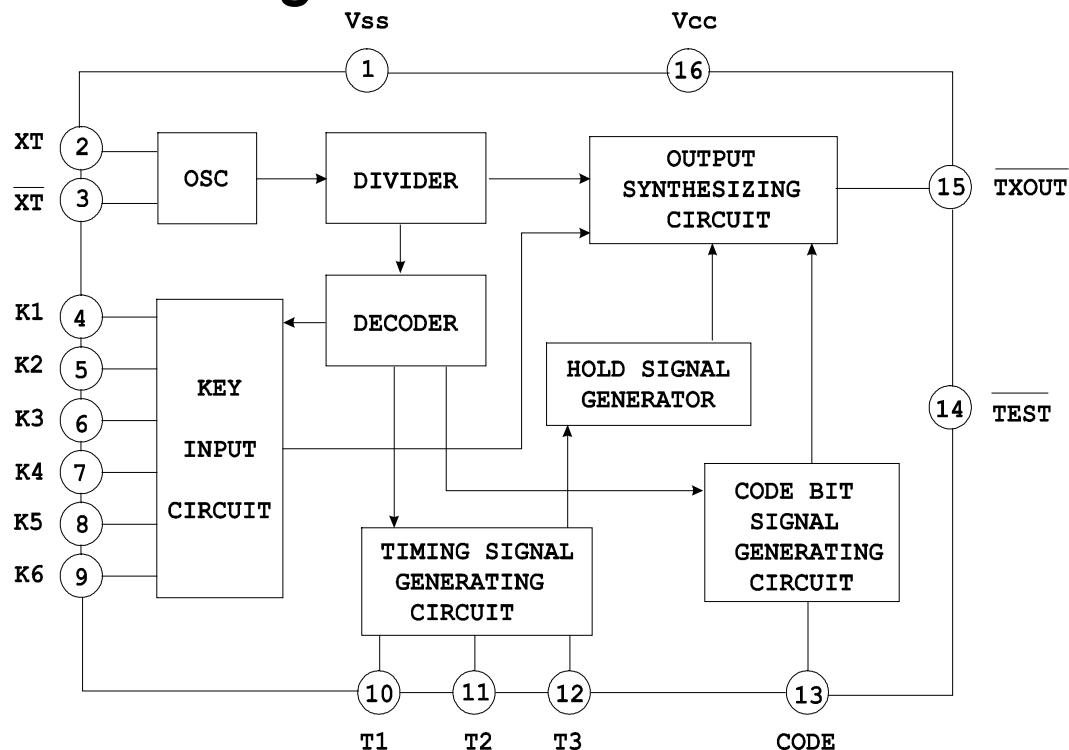
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Pin Configuration

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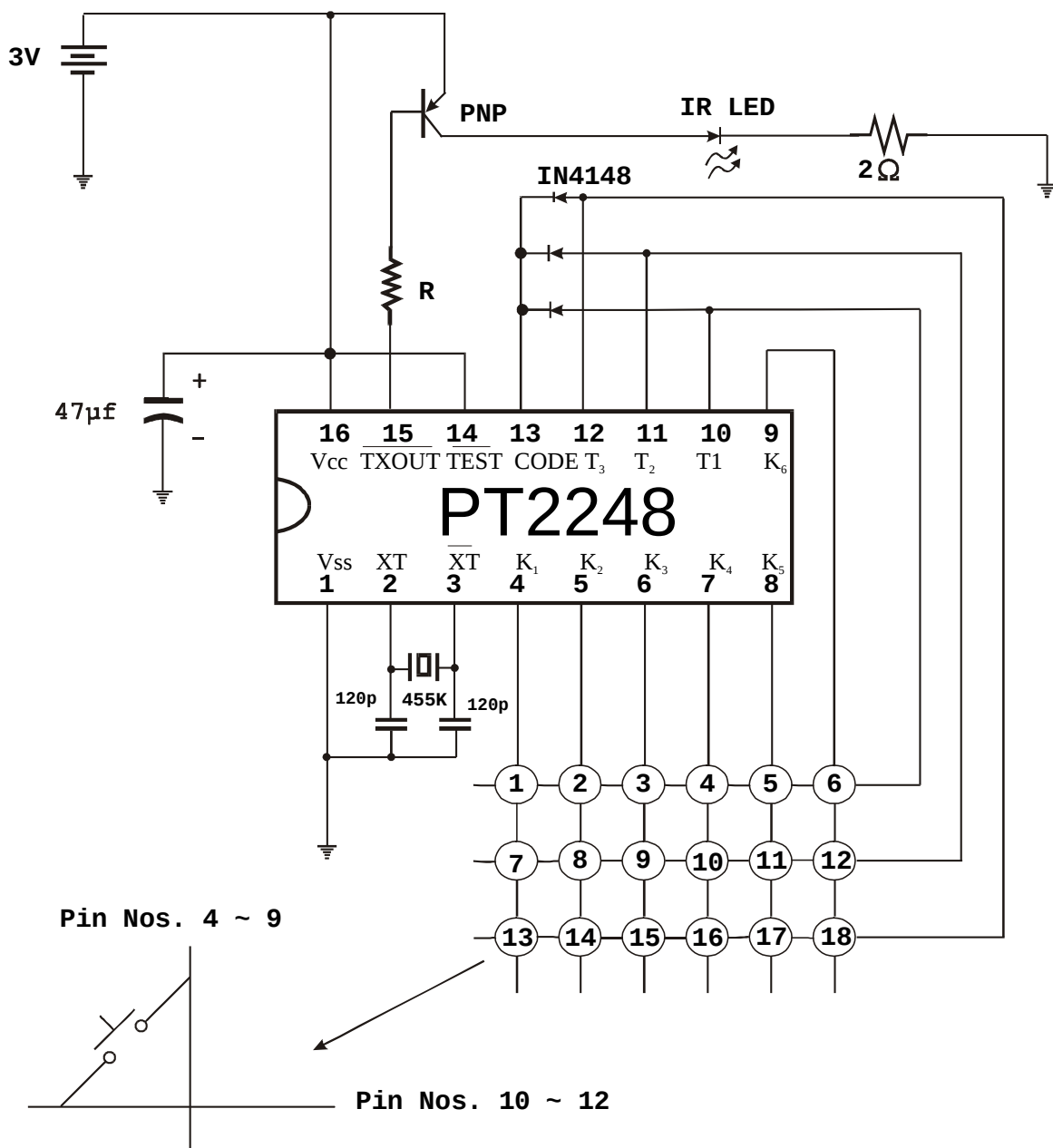
Block Diagram



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Application Circuit



- Notes:
1. R = 200 Ohms to 3.9 K Ohms
 2. It is highly recommended that the 47µf capacitor be situated near the Vcc.

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Order Information

PART NUMBER	PACKAGE
PT2248	16 Pins, DIP
PT2248-S	16 Pins, SO
PT2248-SN	16 Pins, SO (Narrow)

PT 2248 - X

