

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

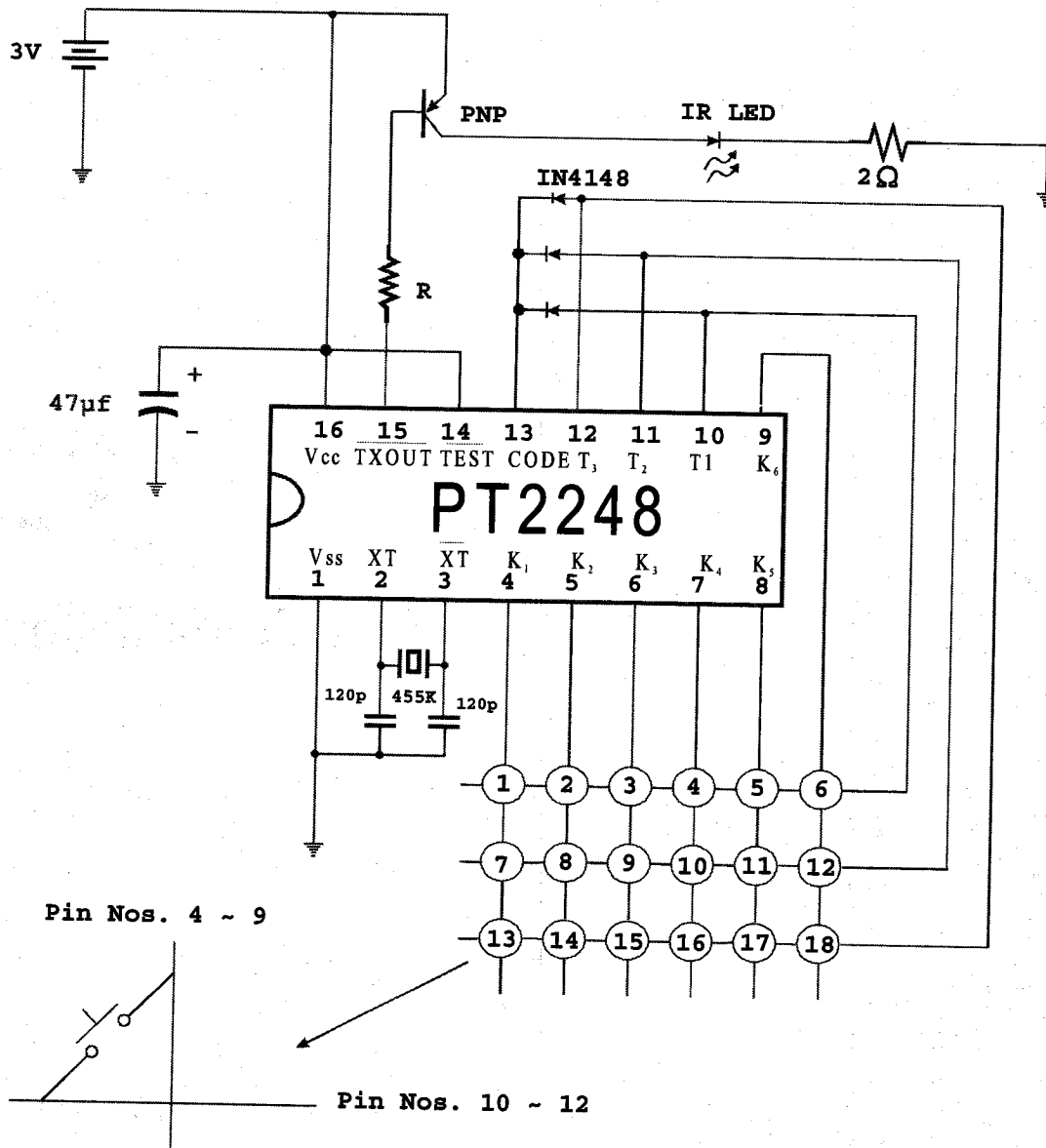
Applications

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

Infrared Remote Control Transmitter

PT2248

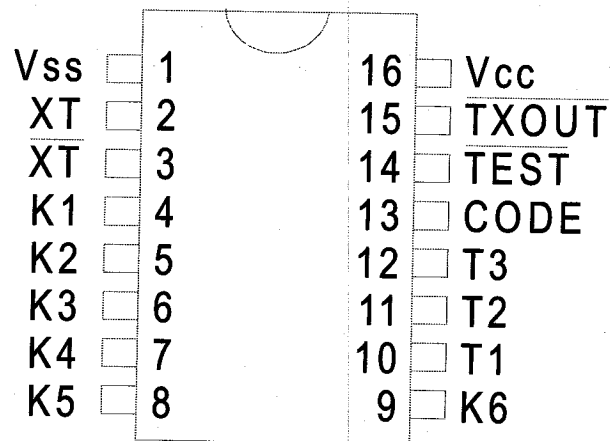
Application Circuit



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

Pin Configuration

PT2248



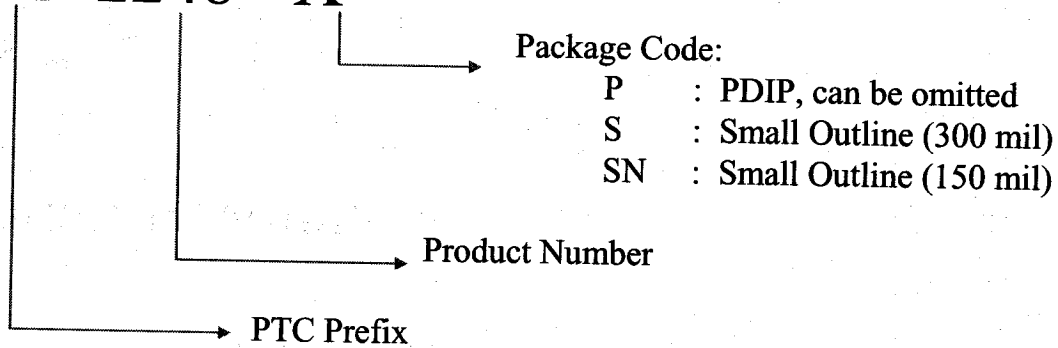
Infrared Remote Control Transmitter

PT2248

Order Information

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

PT 2248 - X



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