



## 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 ( $V_{cc} = 2.2 \sim 5.0$  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

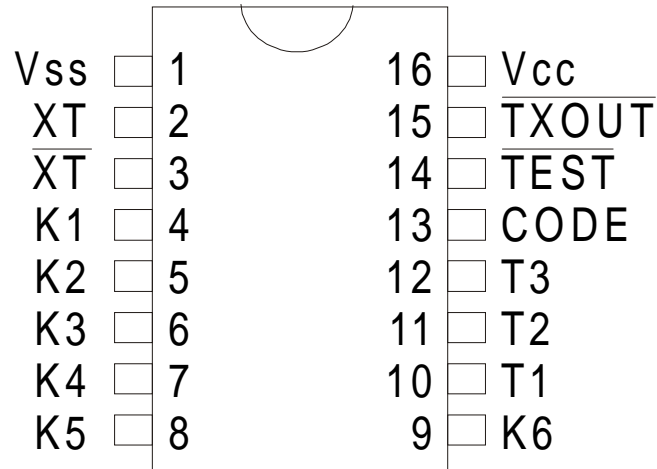
## Applications

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



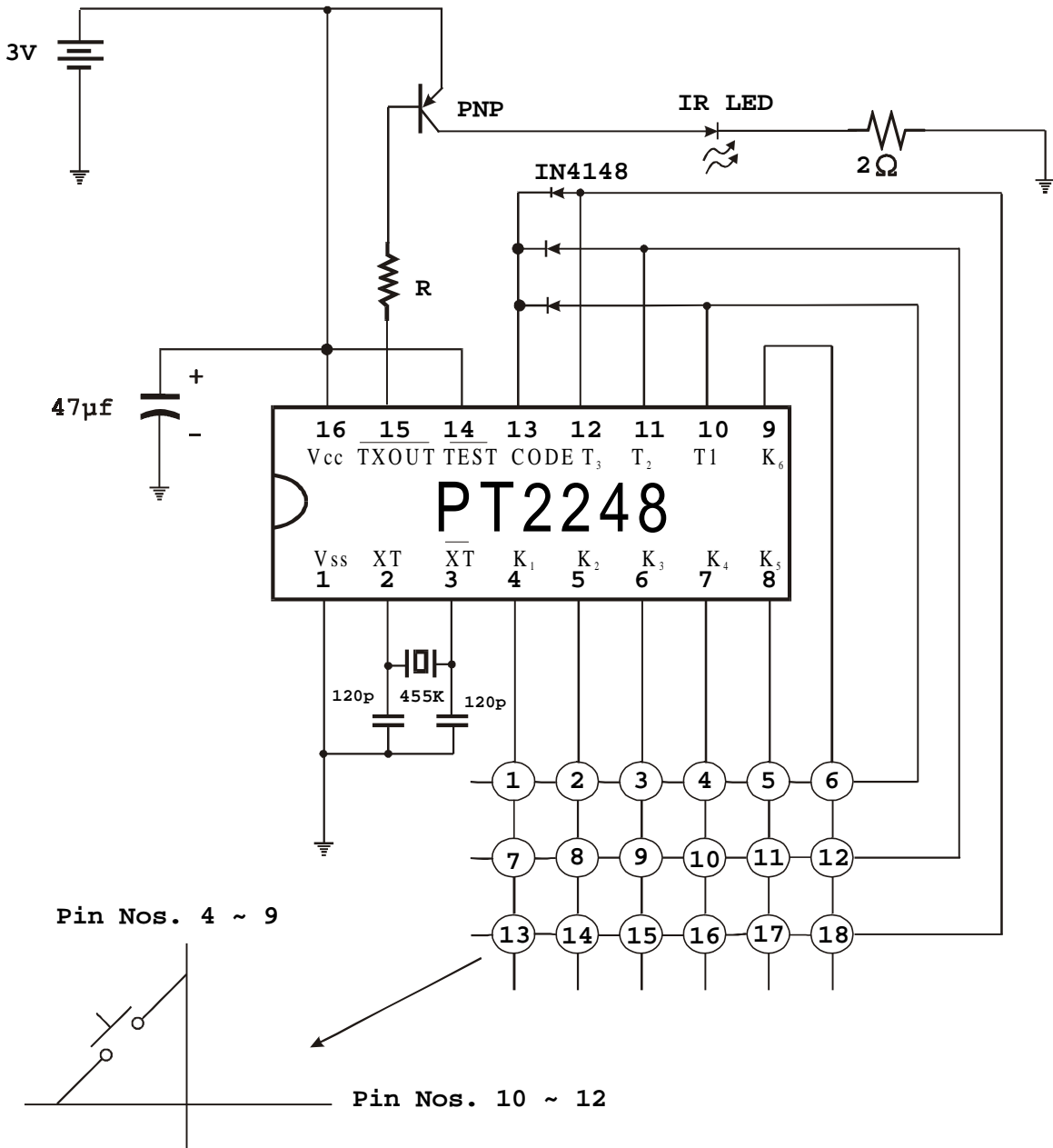
## Pin Configuration

### PT2248





# Application Circuit



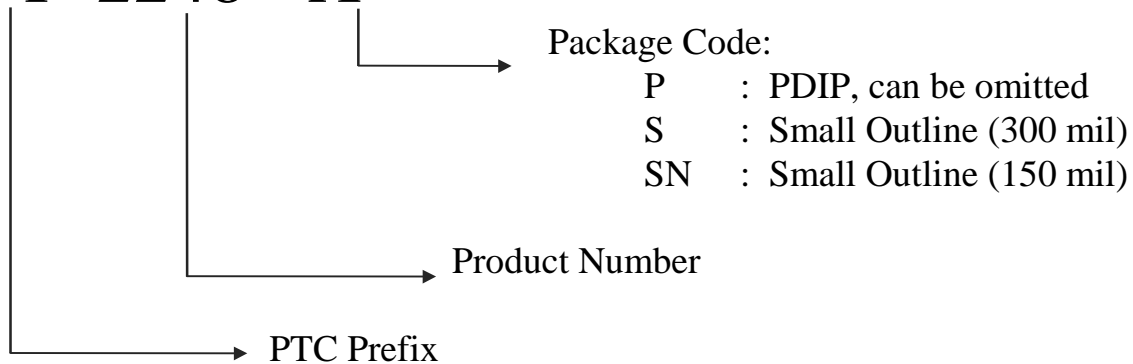
- Notes: 1. R = 200 Ohms to 3.9 K Ohms
- 2. It is highly recommended that the 47μf capacitor be situated near the V<sub>CC</sub>.



## Order Information

<b>PART NUMBER</b>	<b>PACKAGE</b>
PT2248	16 Pins, DIP
PT2248-S	16 Pins, SO
PT2248-SN	16 Pins, SO (Narrow)

PT 2248 - X



This datasheet has been download from:

[www.datasheetcatalog.com](http://www.datasheetcatalog.com)

Datasheets for electronics components.