Princeton Technology Corp.

Tel: 886-2-29162151
Fax: 886-2-29174598
URL: *http://www.princeton.com.tw*

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

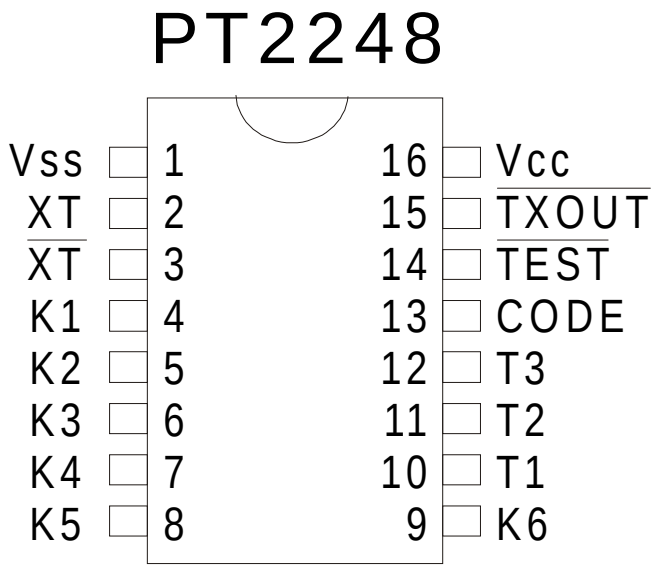
- ❒ CMOS Technology
- ❒ Low Power Consumption
- ❒ Wide Range of Operating Supply Voltage allows Low Voltage Operation (Vcc = 2.2 ~ 5.0 V)
- ❒ Multiple Keying is Possible (Maximum of 6 Keys)
- ❒ Less External Components
- ❒ An Oscillator can be constructed by connecting a ceramic resonator at the oscillation circuit

Applications

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

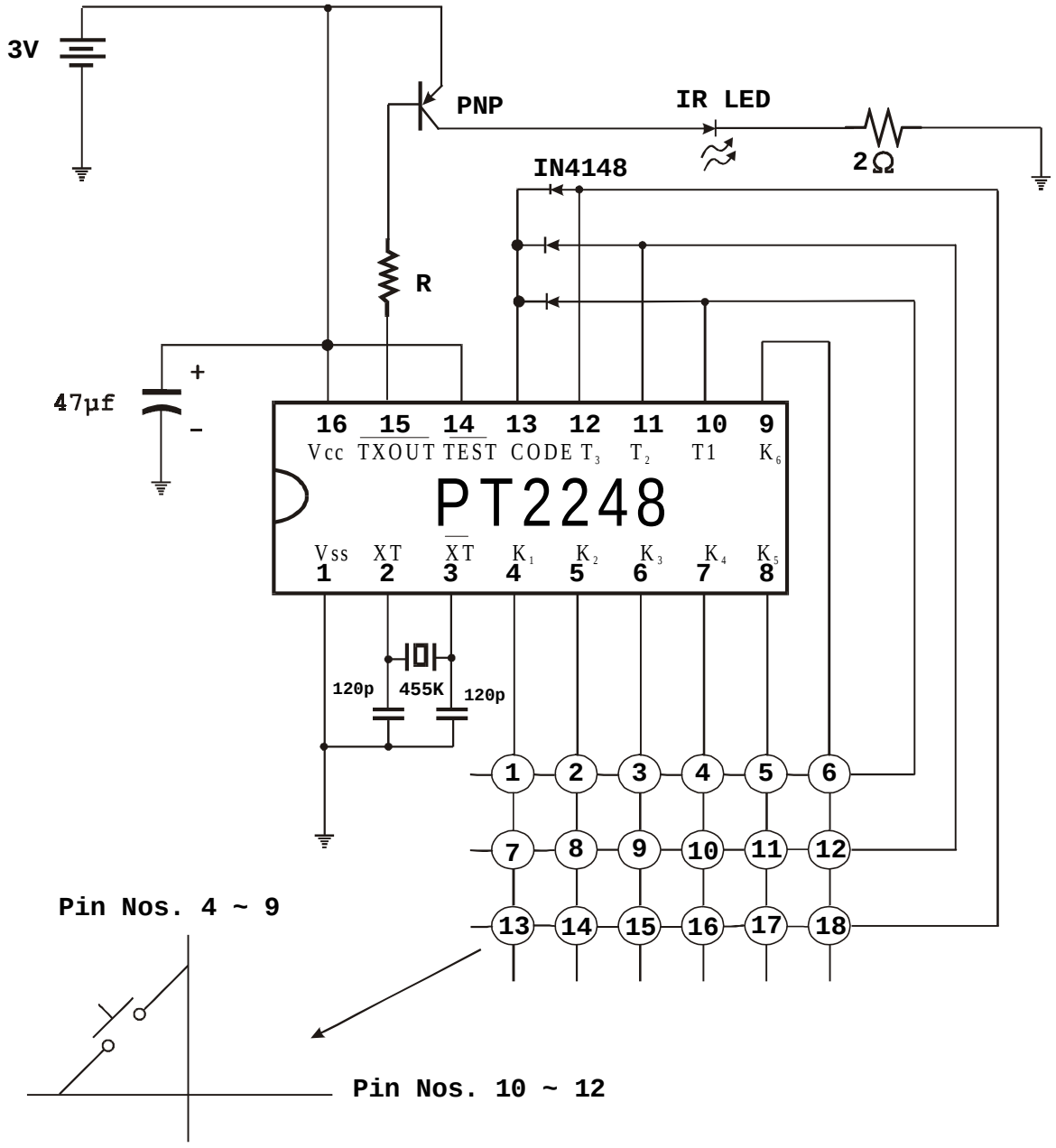
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Pin Configuration



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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

Package Code:
- P : PDIP, can be omitted
- S : Small Outline (300 mil)
- SN : Small Outline (150 mil)

Product Number

PTC Prefix