



Description

PT2262 is a remote control encoder paired with PT2272 utilizing CMOS Technology. It encodes data and address pins into a serial coded waveform suitable for RF or IR modulation. PT2262 has a maximum of 12 bits of tri-state address pins providing up to 531,441 (or 3^{12}) address codes; thereby, drastically reducing any code collision and unauthorized code scanning possibilities.

Features

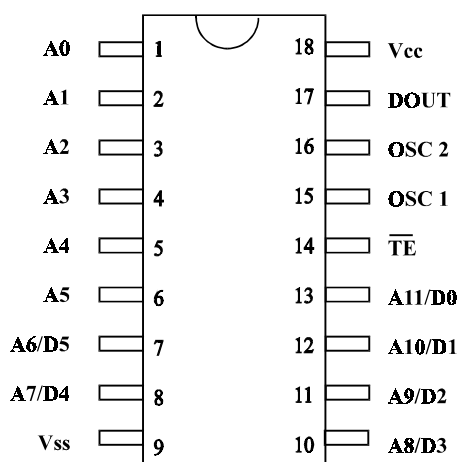
- ☐ CMOS Technology
- ☐ Low Power Consumption
- ☐ Very High Noise Immunity
- ☐ Up to 12 Tri-State Code Address Pins
- ☐ Up to 6 Data Pins
- ☐ Wide Range of Operating Voltage: $V_{cc} = 4 \sim 15$ Volts
- ☐ Single Resistor Oscillator
- ☐ Latch or Momentary Output Type
- ☐ Available in DIP and SO Package

Applications

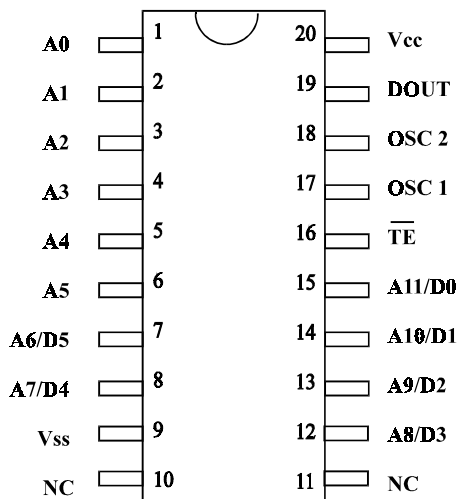
- ☐ Car Security System
 - ☐ Garage Door Controller
 - ☐ Remote Control Fan
 - ☐ Home Security/Automation System
 - ☐ Remote Control Toys
 - ☐ Remote Control for Industrial Use
-
-



Pin Configuration



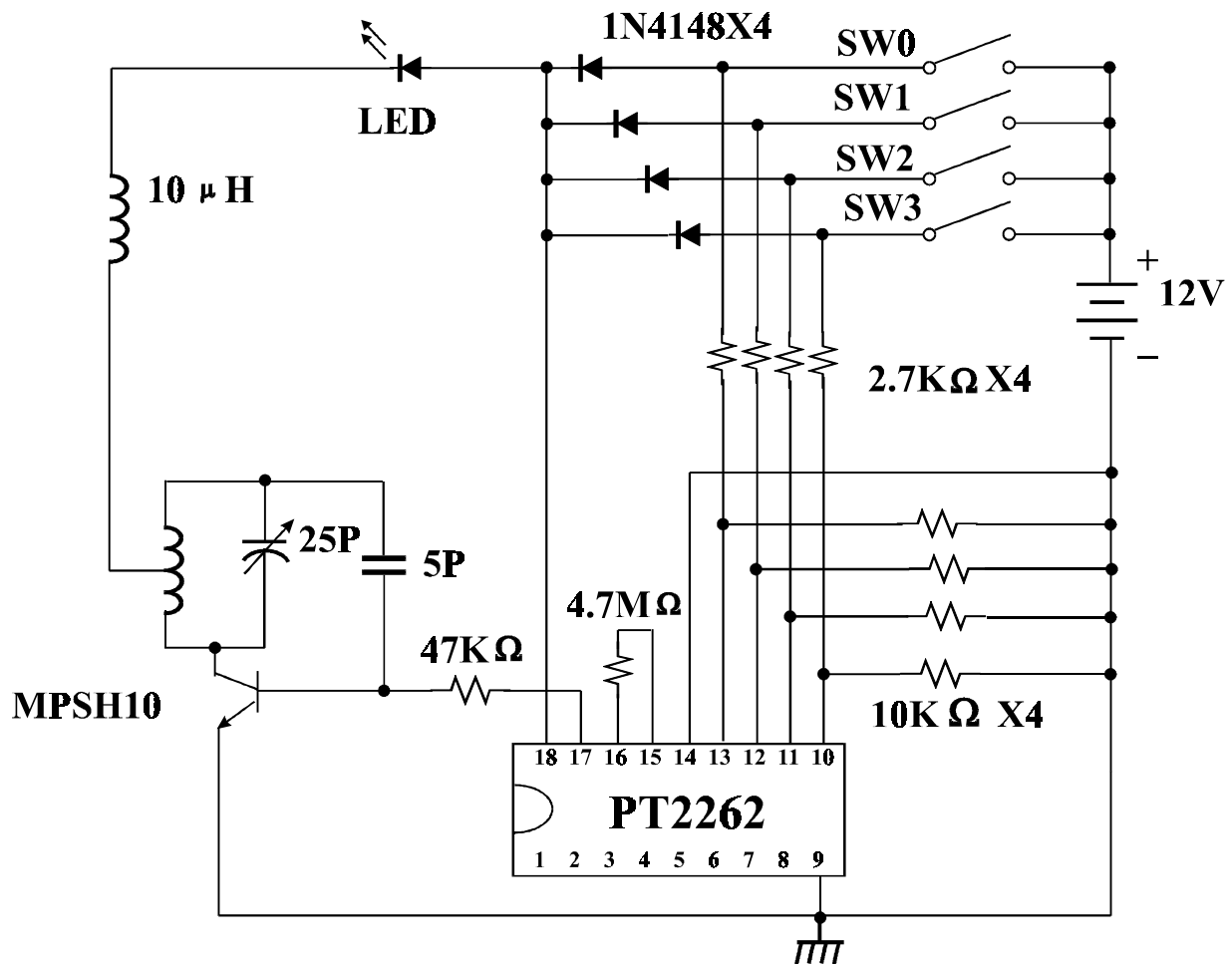
PT 2262
PT2262-S18
PT2262-IR



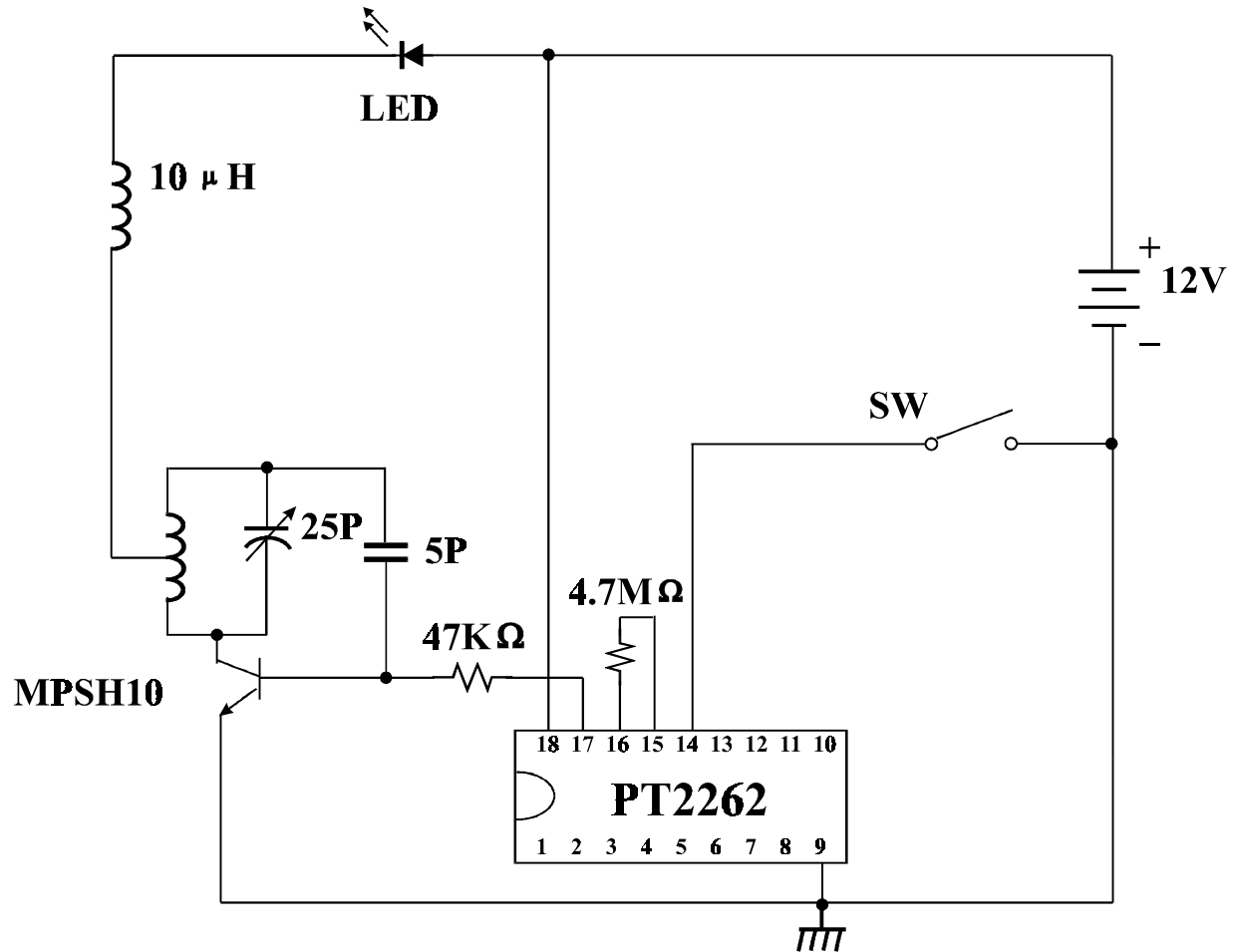
PT2262 S
PT2262 - IR - S



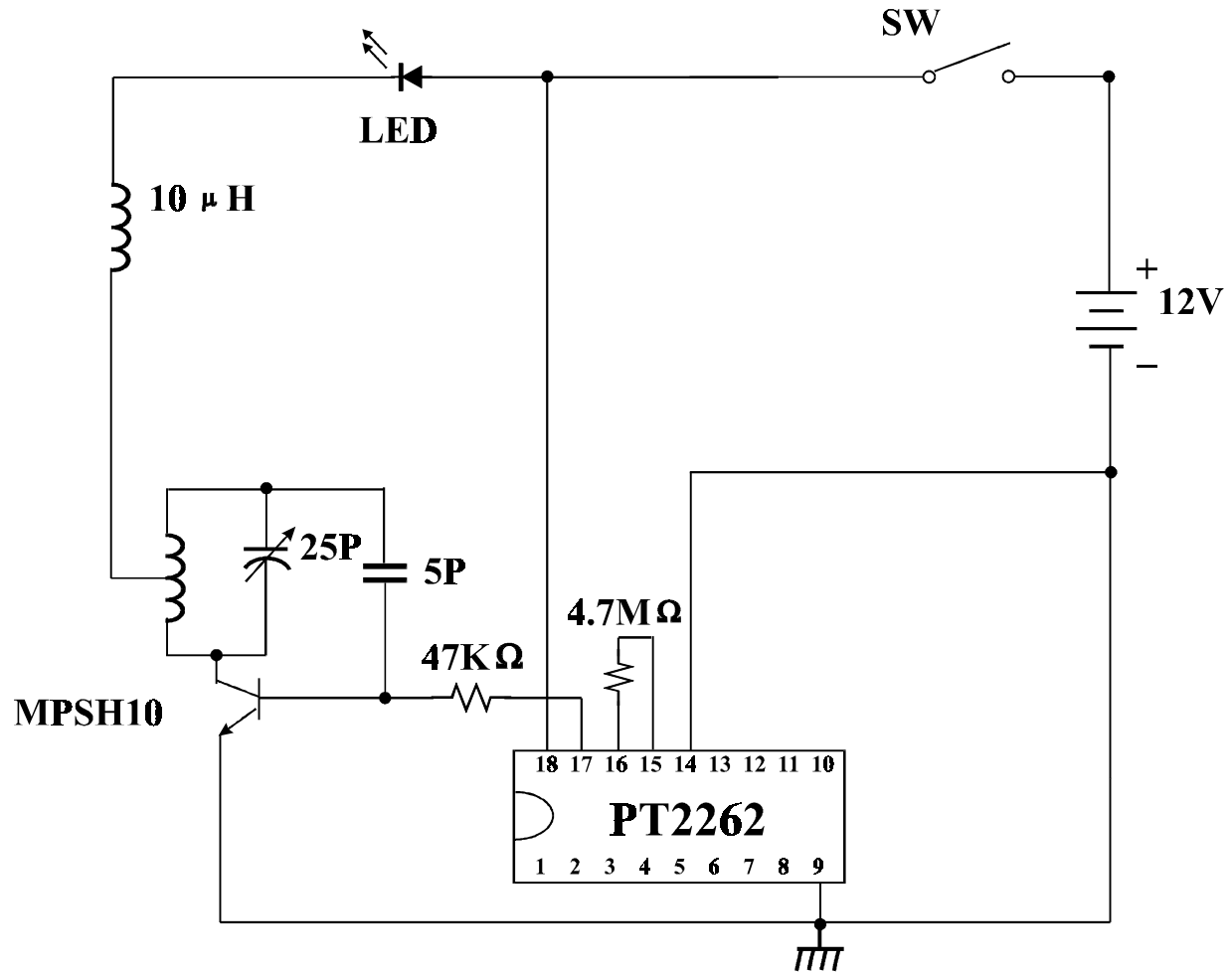
Application Circuit



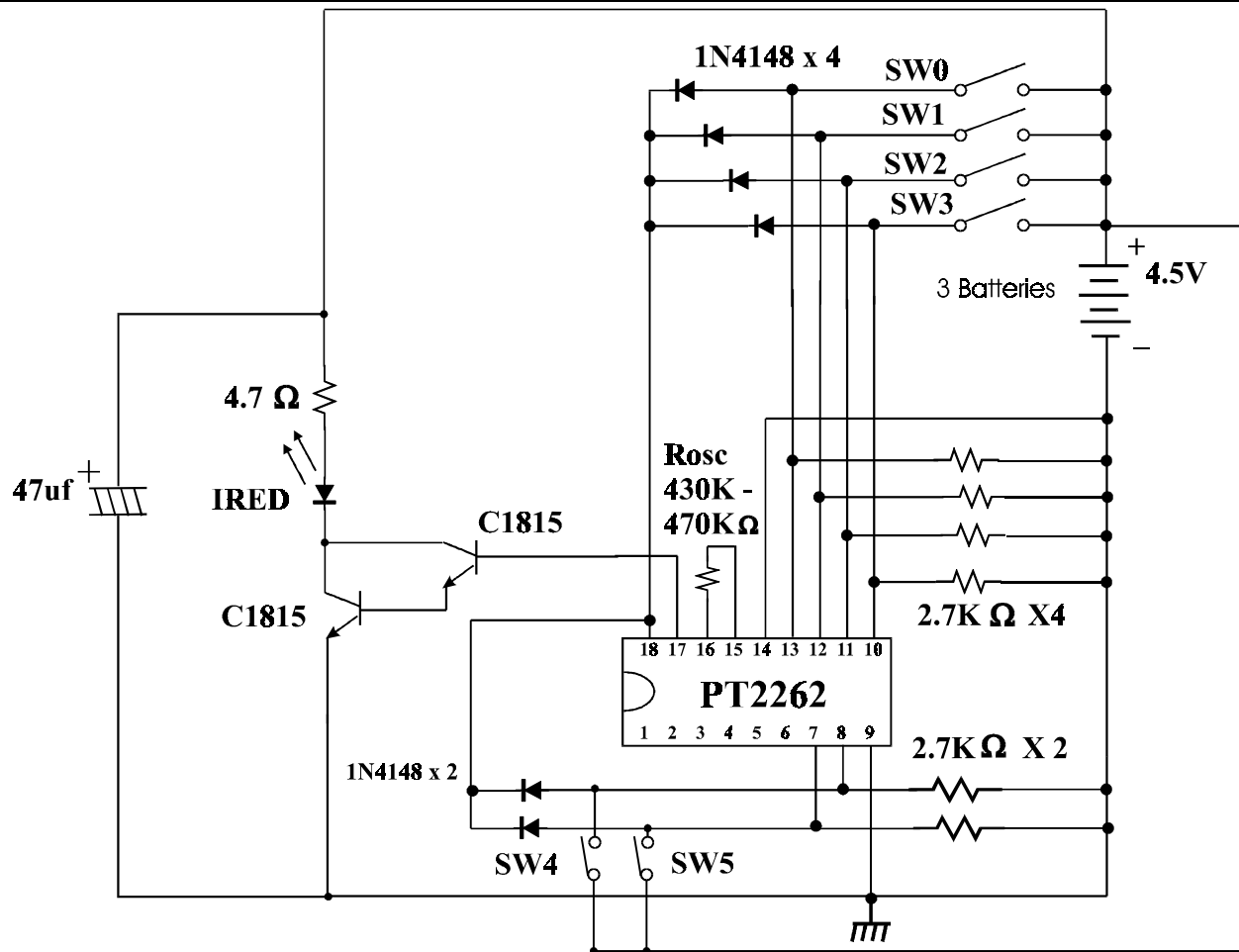
UHF Band 4 Data Transmitter Circuit is recommended.



UHF Band Address-only (Zero Data) Transmitter Circuit is recommended.



UHF Band Address-only (Zero Data) Zero-Stand-by Transmitter Circuit is recommended.



Infrared Ray 6-Data Circuit. Adjust R_{osc} to get 38 KHz Carrier Pulse at DOUT Pin is recommended.



Ordering Information

Valid Product No.	Package
PT2262	18 Pins, DIP
PT2262-S18	18 Pins, SO
PT2262-IR	18 Pins, DIP
PT2262-S	20 Pins, SO
PT2262-IR-S	20 Pins, SO

PT 2262 - XX - X

