



Description

PT2270 is a remote control decoder paired with PT2260 or PT2262 utilizing CMOS Technology. It has 12 bits of tri-state address pins providing a maximum of 531,441 (or 3^{12}) address codes; thereby drastically reducing any code collision and unauthorized code scanning possibilities. PT2270 is available in several options to suit every application needs : variable number of data output pins, latch or momentary output type.

When paired with PT2260, this encoder/decoder (PT2260 / PT2270) pair can operate at very wide temperature range ($-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$). *See also* PT2260 Product Specification Features. Thus, this very important feature enables your Encoder/Decoder to operate under the worst environmental condition.

Features

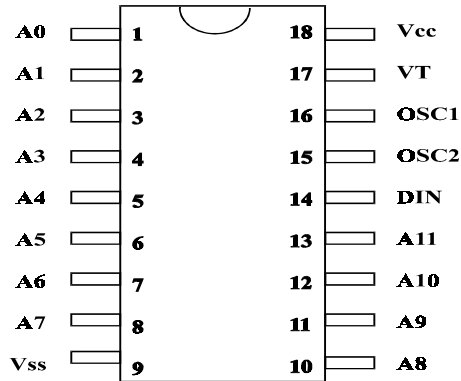
- CMOS Technology
- Low Power Consumption
- Very High Noise Immunity
- Up to 12 Tri-State Code Address Pins
- Up to 6 Data Pins
- Operating Voltage : $V_{cc} = 2 \sim 10$ Volts
- Single Resistor Oscillator
- Latch or Momentary Output Type

Applications

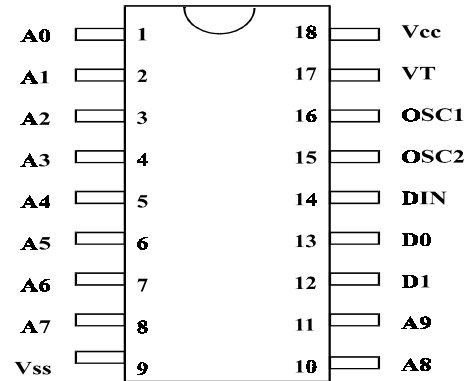
- Car Security System
- Garage Door Controller
- Remote Control Fan
- Home Security/Automation System
- Remote Control Toys
- Remote Control for Industrial Use



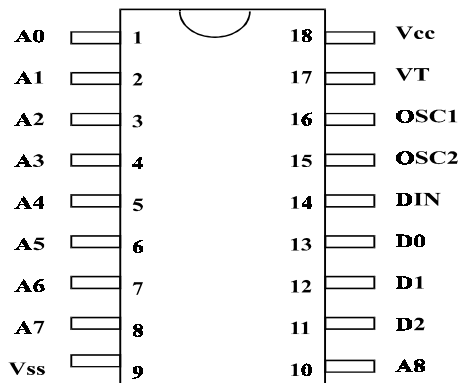
Pin Configuration



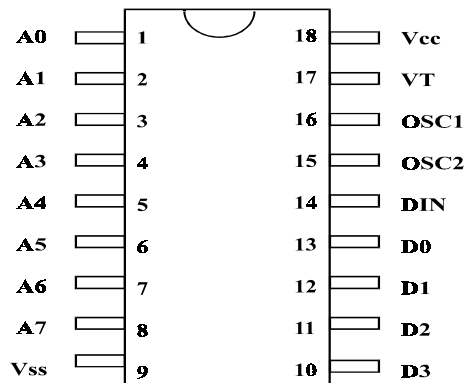
PT 2270



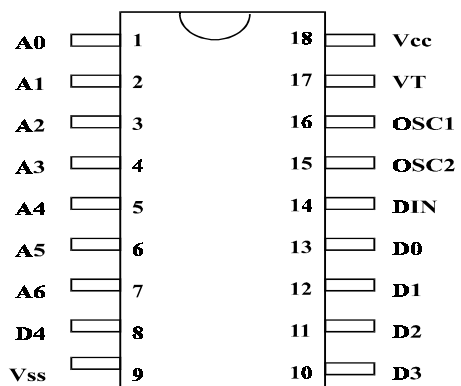
PT 2270 - M2/L2



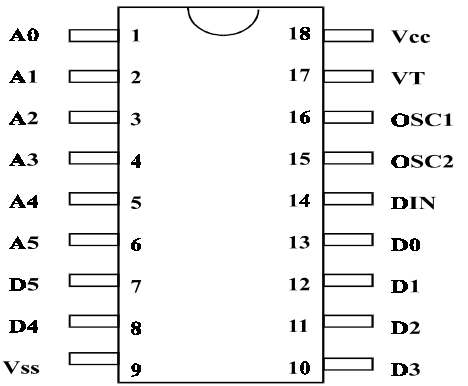
PT 2270 - M3/L3



PT 2270 - M4/L4



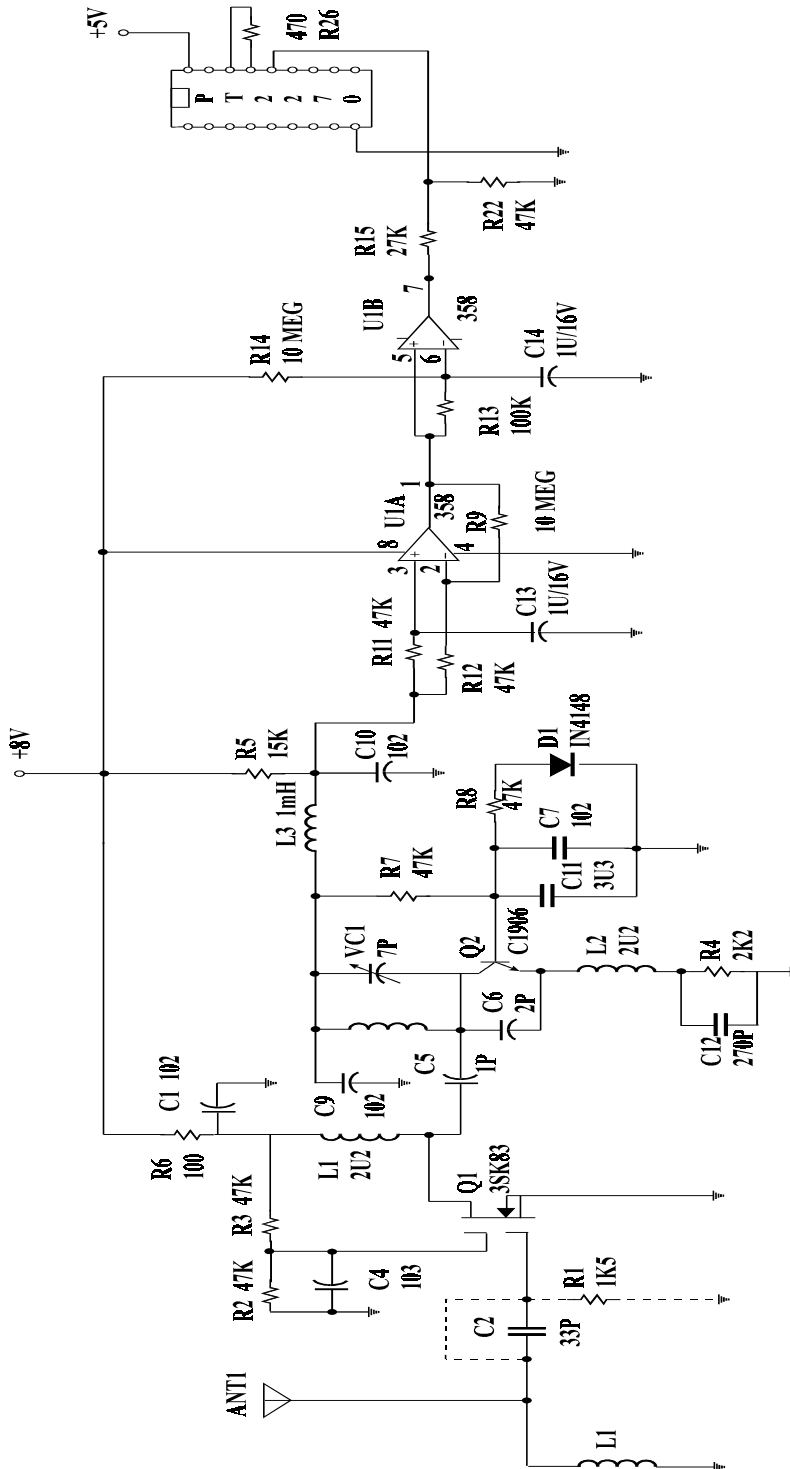
PT 2270 - M5/L5



PT 2270 - M6/L6



Application Circuit





Ordering Information

Valid Part Number	Package
PT2270 (-S)	18 Pins, DIP (SO)
PT2270-L2 (-S)	18 Pins, DIP (SO)
PT2270-M2 (-S)	18 Pins, DIP (SO)
PT2270-L3 (-S)	18 Pins, DIP (SO)
PT2270-M3 (-S)	18 Pins, DIP (SO)
PT2270-L4 (-S)	18 Pins, DIP (SO)
PT2270-M4 (-S)	18 Pins, DIP (SO)
PT2270-L5 (-S)	18 Pins, DIP (SO)
PT2270-M5 (-S)	18 Pins, DIP (SO)
PT2270-L6 (-S)	18 Pins, DIP (SO)
PT2270-M6 (-S)	18 Pins, DIP (SO)