REMOTE CONTROL ENCODER   PT 2260

Description

PT 2260 is a remote control encoder paired with either PT 2270 or PT 2272 utilizing CMOS Technology. It encodes data and address pins into a serial coded waveform suitable for RF modulation. PT 2260 has a maximum of 10 bits tri-state address pins providing up to 59,049 (or 3^{10}) address codes; thereby, drastically reducing any code collision and unauthorized code scanning possibilities.

PT 2260 is one of the first generation of Encoder/Decoder ICs that utilizes the unique PTC Technology. When paired with PT 2270, this encoder/decoder (PT 2260 / PT 2270) pair can operate at very wide temperature range (see Features). Thus, this very important feature enables your Encoder/Decoder to operate under the worst environmental condition.
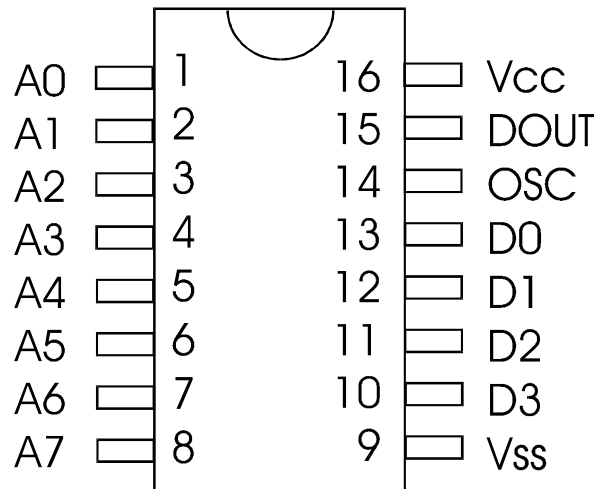
Features

❒   High Performance CMOS Technology
❒   Low Power Consumption
❒   Very High Noise Immunity
❒   Wide Operating Temperature Range: $-30^{o}C \sim 70^{o}C$
❒   8 or 10 Tri-State Code Address Pins
❒   2 or 4 Data Pins
❒   Wider Range of Operating Voltage: 1.8 ~ 10.0 Volts
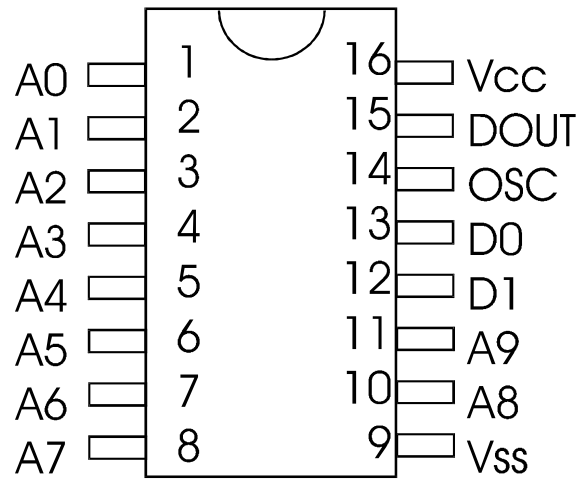❒   Single Resistor Oscillator
❒   Least External Components

Applications

❒   Home/Car Security System
❒   Garage Door Controller
❒   Remote Fan Controller
❒   Remote Control Toys

Pin Configuration

A0	1	16	Vcc
A1	2	15	DOUT
A2	3	14	OSC
A3	4	13	D0
A4	5	12	D1
A5	6	11	D2
A6	7	10	D3
A7	8	9	Vss

PT2260 - R4

A0	1	16	Vcc
A1	2	15	DOUT
A2	3	14	OSC
A3	4	13	D0
A4	5	12	D1
A5	6	11	A9
A6	7	10	A8
A7	8	9	Vss

PT2260 - R2

Application Circuit

UHF Band 4-Data Transmitter Circuit is recommended.

Ordering Information

Valid Product No.	Package
PT 2260-R4 (S)	16 Pins, DIP (SO)
PT 2260-R2 (S)	16 Pins, DIP (SO)

PT 2260 - W - X - Y - Z

Pin Number:
    16   :   16 Pins (may be omitted)

Package Code:
    P   :   Plastic DIP (can be omitted)
    S   :   Small Outline

Data Pins:
    4   :   4 Data Pins
    2   :   2 Data Pins

Output Type:
    R   :   RF Application

Product Number

PTC Prefix