

DESCRIPTION

PT2272 is a remote control decoder paired with PT2262 utilizing CMOS Technology. It has 12-bit of tri-state address pins providing a maximum of 531,441 (or 312) address codes; thereby, drastically reducing any code collision and unauthorized code scanning possibilities. PT2272 is available in several options to suit every application need: variable number of data output pins, latch or momentary output type.

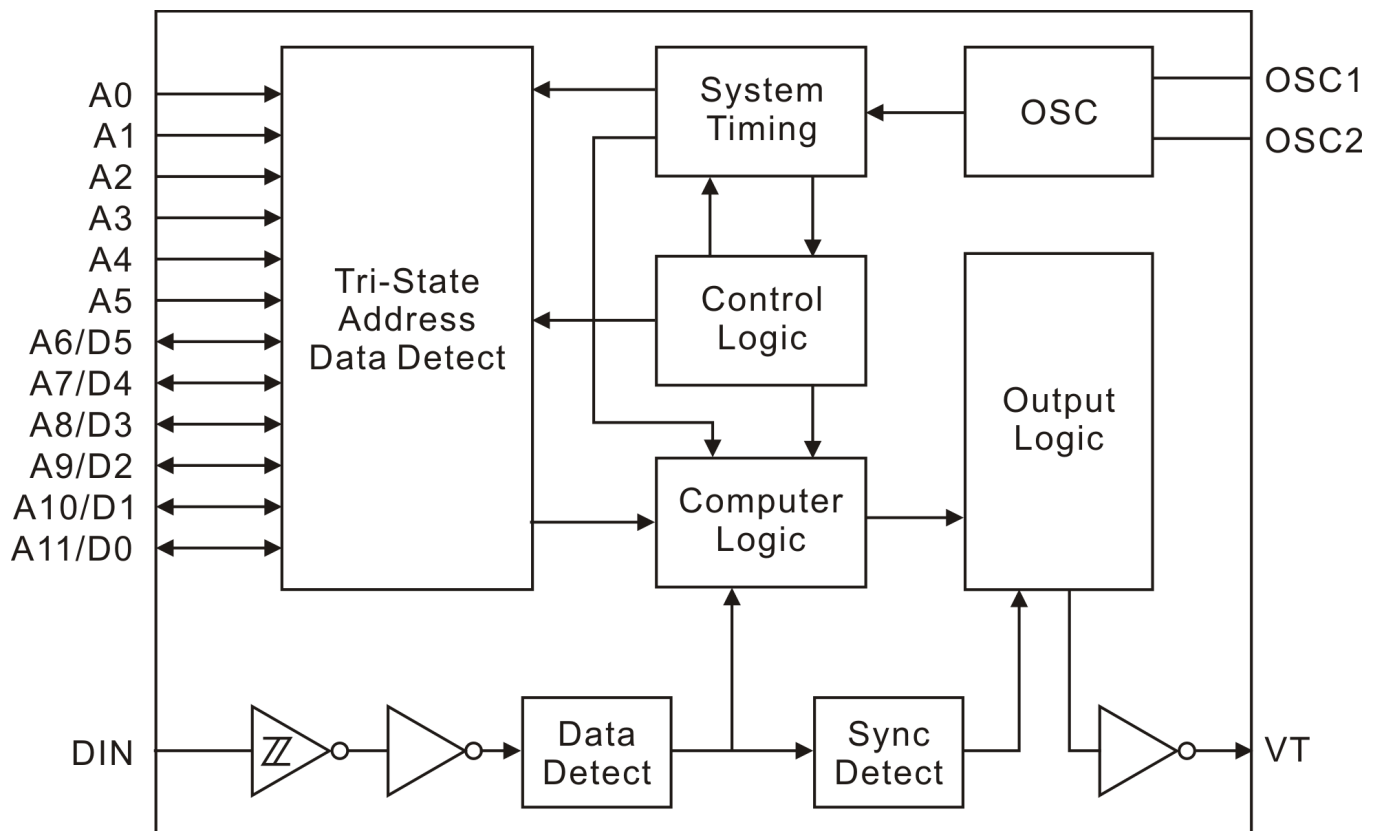
FEATURES

- 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: VCC=4~15V
- Single Resistor Oscillator
- Latch or Momentary Output Type
- Available in DIP and SOP

APPLICATIONS

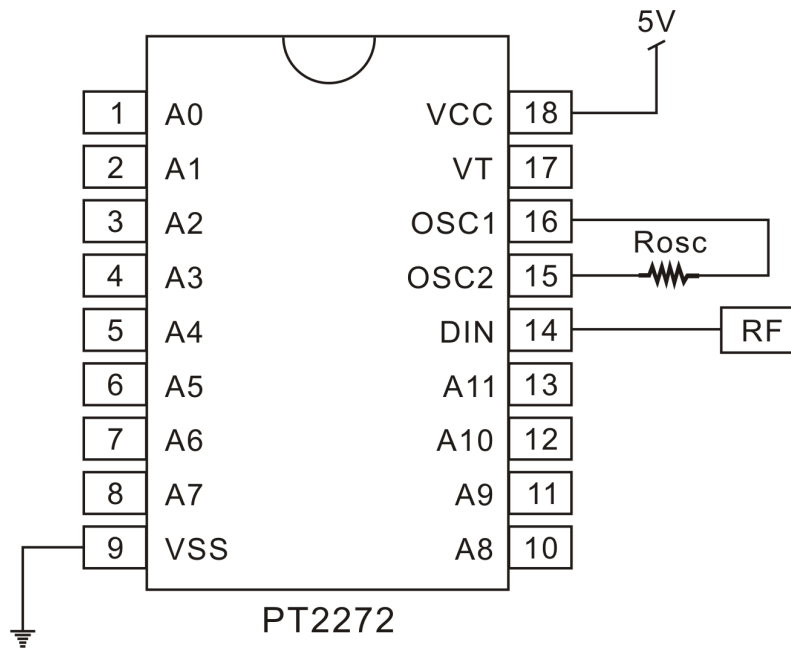
- Car Security System
- Garage Door Controller
- Remote Control Fan
- Home Security/Automation System
- Remote Control Toys
- Remote Control for Industrial Use

BLOCK DIAGRAM

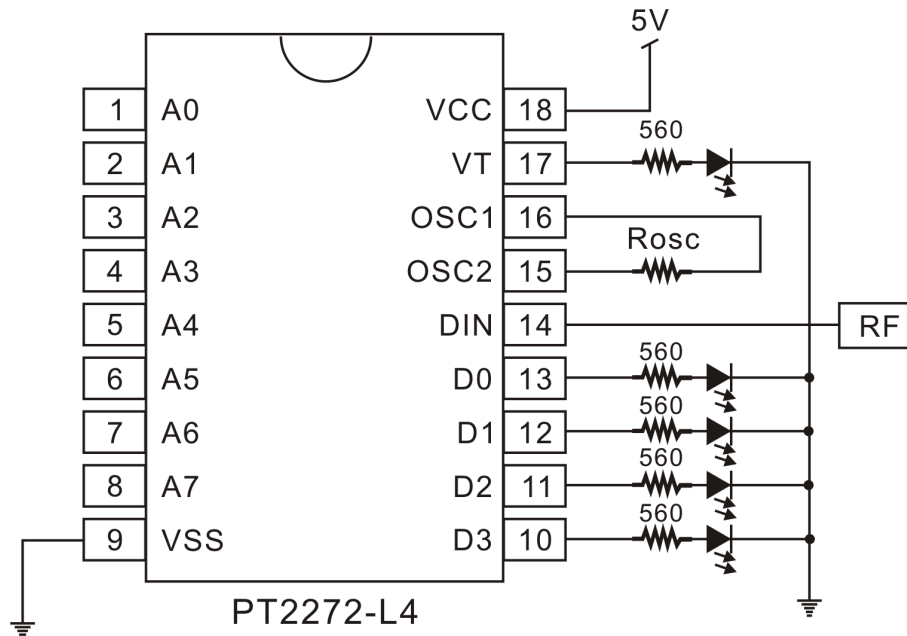


APPLICATION CIRCUIT

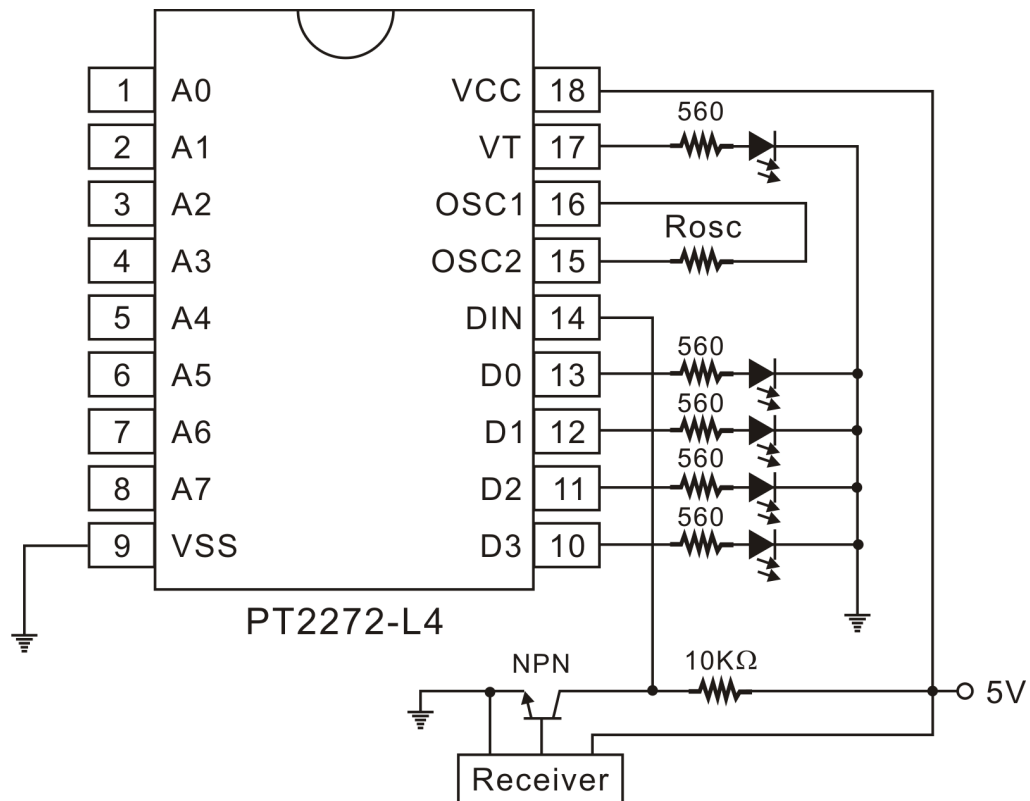
PT2272 (NO DATA) RF APPLICATION



PT2272 (4 DATA) RF APPLICATION CIRCUIT



PT2272 (4 DATA) IR APPLICATION CIRCUIT



ORDER INFORMATION

Valid Part No.	Package Type	Data Bits	Output Type	Top Code
PT2272A-M2-S18	18 PINS, SOP	2	Momentary	PT2272

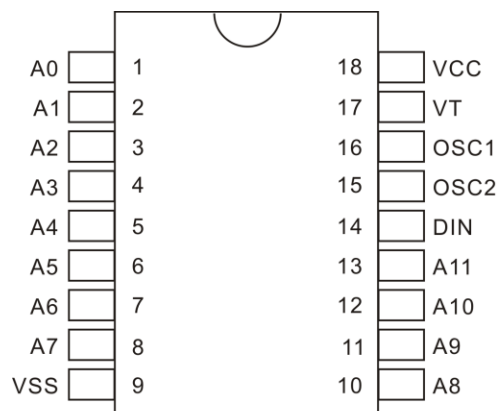
Valid Part No.	Package Type	Data Bits	Output Type	Top Code
PT2272	18 PINS, DIP	-	*	PT2272
PT2272-L3	18 PINS, DIP	3	Latch	PT2272-L3
PT2272-L4	18 PINS, DIP	4	Latch	PT2272-L4
PT2272-L5	18 PINS, DIP	5	Latch	PT2272-L5
PT2272-M2	18 PINS, DIP	2	Momentary	PT2272-M2
PT2272-M3	18 PINS, DIP	3	Momentary	PT2272-M3
PT2272-M4	18 PINS, DIP	4	Momentary	PT2272-M4
PT2272-M5	18 PINS, DIP	5	Momentary	PT2272-M5
PT2272-M6	18 PINS, DIP	6	Momentary	PT2272-M6
PT2272A-M2	18 PINS, DIP	2	Momentary	PT2272A-M2

Valid Part No.	Package Type	Data Bits	Output Type	Top Code
PT2272-S	20 PINS, SOP	-	*	PT2272-S
PT2272-L3S	20 PINS, SOP	3	Latch	PT2272-L3S
PT2272-L4S	20 PINS, SOP	4	Latch	PT2272-L4S
PT2272-L5S	20 PINS, SOP	5	Latch	PT2272-L5S
PT2272-L6S	20 PINS, SOP	6	Latch	PT2272-L6S
PT2272-M2S	20 PINS, SOP	2	Momentary	PT2272-M2S
PT2272-M3S	20 PINS, SOP	3	Momentary	PT2272-M3S
PT2272-M4S	20 PINS, SOP	4	Momentary	PT2272-M4S
PT2272-M5S	20 PINS, SOP	5	Momentary	PT2272-M5S
PT2272-M6S	20 PINS, SOP	6	Momentary	PT2272-M6S
PT2272A-L2S	20 PINS, SOP	2	Latch	PT2272A-L2S
PT2272A-M2S	20 PINS, SOP	2	Momentary	PT2272A-M2S

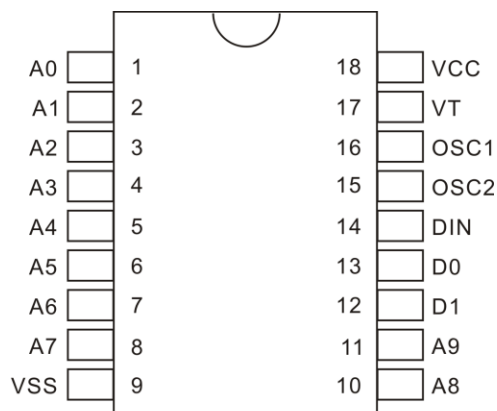
Note: *=use VT (Valid Transmission).

PIN CONFIGURATION

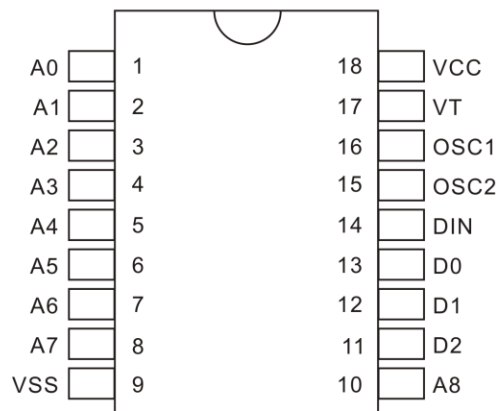
18 PINS



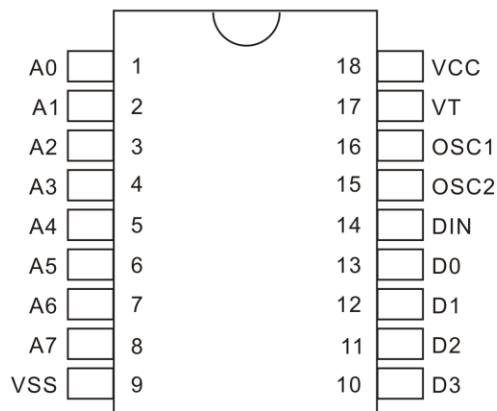
PT2272



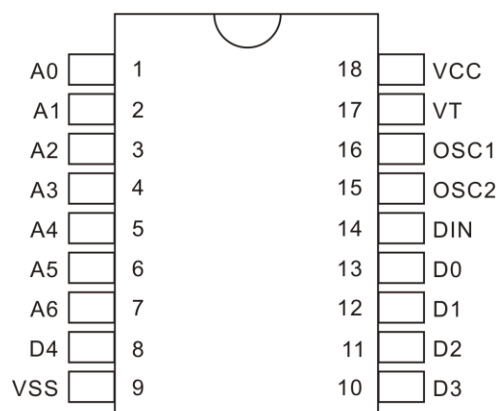
PT2272A-M2



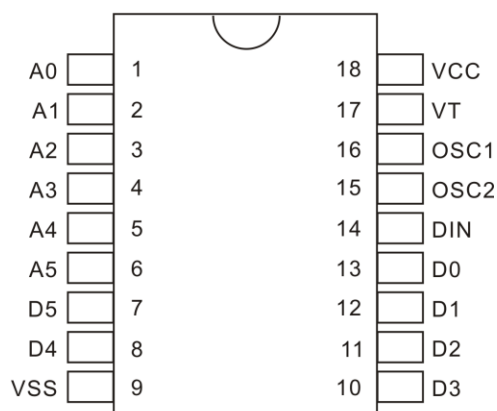
PT2272-M3/L3



PT2272-M4/L4



PT2272-M5/L5



PT2272-M6

IMPORTANT NOTICE

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PTC cannot assume responsibility for use of any circuitry other than circuitry entirely embodied in a PTC product. No circuit patent licenses are implied.

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