

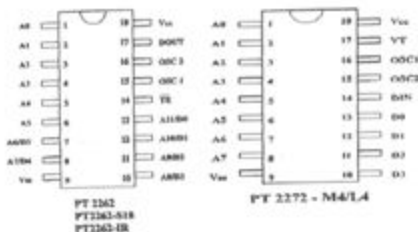
Wireless Remote Control

IC 2262 is a remote control encoder paired with IC 2272 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.

Applications

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

REMOTE CONTROL ENCODER IC 2262 AND DECODER IC 2272 PIN CONFIGURATION



The coding of IC 2262 and IC 2272 is segregated as Address Code and Data Code. As the diagram shown above, from A0—A7 (pin 1 to 8) are known as Address code, D0—D3 (pin 13 to 16) are known as Data code. Any one of the pins of the IC can be set to Hi (1), Li (0) or open (X). The setting of the address code of IC 2262 (transmit) must be corresponded to each IC pin numbers of IC 2272 (receive). The nos. of IC pins to be terminated is optional. The maximum of 8-pin setting is always safer to avoid any code collision.

Example:

Address Code: 1 0 X 1 0 X 0 1

Remote Control IC 2262 / IC 2272 Address setting:

On the reversed side of the printed circuit board, 'H' & 'L' are indicated beside the Pin 1-8 (A0 -A7).

Setting the above address code: A0-H, A1-L, A2-X, A3-H, A4-L, A5-X, A6-L, A7-H

Data Code is only used for multi-zone application, such as multiple magnetic door sensors

REMOTE CONTROL RELAY SWITCH (OPTIONAL)

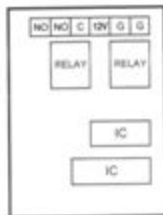
(From 1-Relay to 12-Relay)

- 1 Momentary Switch
- 2 Latch Switch
- 3 Momentary or Latch switches (Selectable)

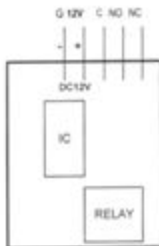
A 4-RELAY with INDEPENDENT '4-com' points



B 2-RELAY



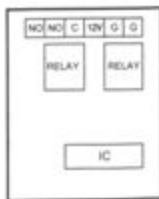
C 1-RELAY



D 4-RELAY



E 2-RELAY



NOTE:

- C: COMMON
- NO: NORMALLY OPEN (OFF)
- NC: NORMALLY CLOSE (ON)
- G: GROUND (- ve)