



HM9215 SERIES (HM9215/11/10/09/05)

PROGRAMMABLE MANCHESTERCODE ENCODER/DECODER

Features

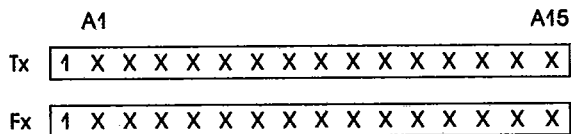
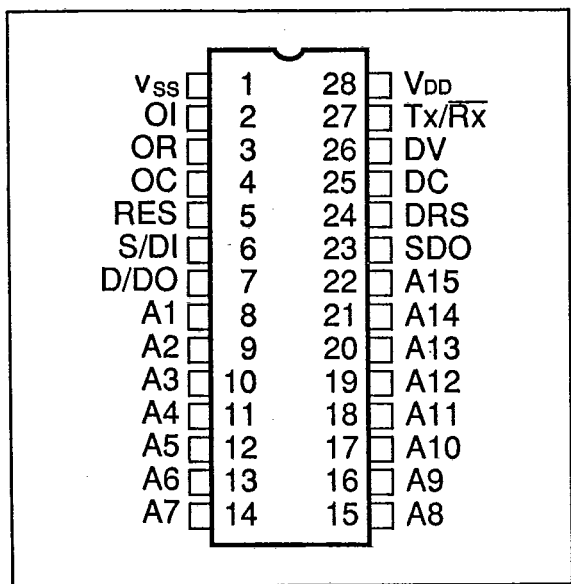
- Operating voltage range 3.0V-9.0V.
- Manchester code encoder/decoder on one chip.
- Stable operating frequency.
- On chip oscillator using inexpensive RC components. (R.C: $\pm 10\%$)
- Automatic preamble generation.
- Schmitt trigger for data input.
- Low stand-by current.

Applications

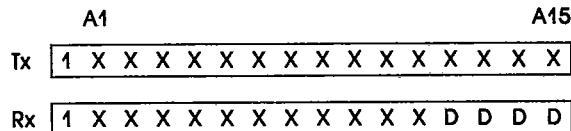
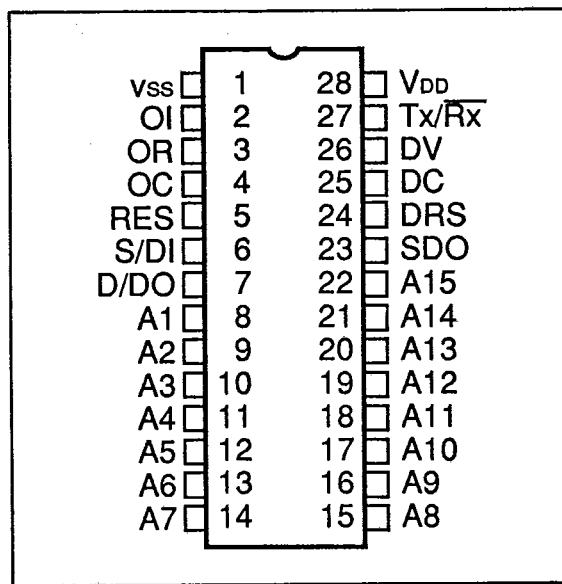
- Cordless telephone.
- Remote control.
- Car alarm control system.
- Security system.
- Digital locks.
- Paging system.

Pin Configuration and Code Patterns

HM9215



HM9211

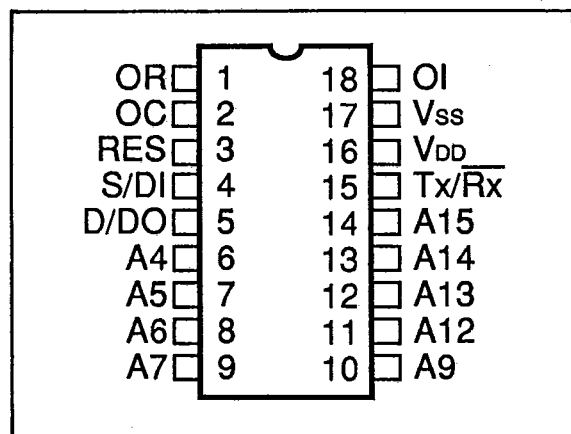




HM9215 SERIES (HM9215/11/10/09/05)

PROGRAMMABLE MANCHESTERCODE ENCODER/DECODER

HM9209

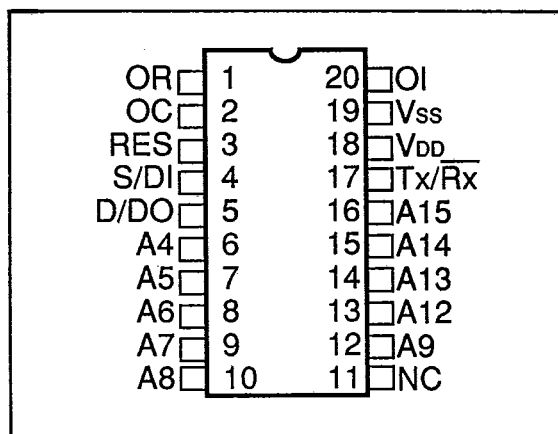


A1 A15

Tx 1 0 0 0 X X X X 0 X 0 0 X X X X

Rx 1 0 0 0 X X X X 0 X 0 0 X X X X

HM9210

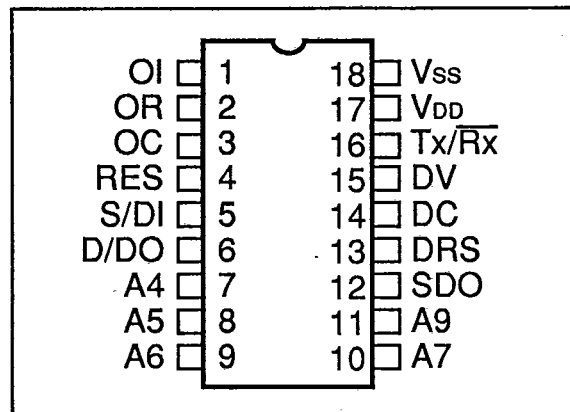


A1 A15

Tx 1 0 0 0 X X X X X X 0 0 X X X X

Rx 1 0 0 0 X X X X X X 0 0 X X X X

HM9205



A1 A15

Tx 1 0 0 0 X X X X 0 X 0 0 X X X X

Rx 1 0 0 0 X X X X 0 X 0 0 D D D D

Note: X = Programmable
 0 = Hardwired Internally Zero
 1 = Hardwired Internally One
 D = Don't Care in Receive Mode