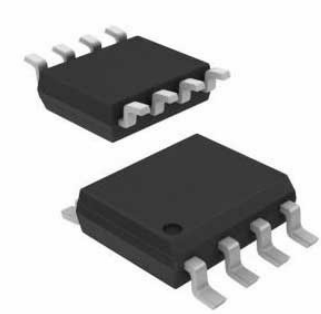
# NCV7342D13R2G

Data Sheet

CAN 1Mbps Normal/Standby 5V Automotive 8Pin SOIC T/R

| | |
|---|---|
| Manufacturers | ON Semiconductor, LLC |
| Package/Case | SOP8 |
| Product Type | Interface ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for NCV7342D13R2G or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

## General Description

The NCN5192 is a single-chip, CMOS modem for use in highway addressable remote transducer (HART) field instruments and masters. The modem and a few external passive components provide all of the functions needed to satisfy HART physical layer requirements including modulation, demodulation, receive filtering, carrier detect, and transmit-signal shaping. In addition, the NCN5192 also has an integrated DAC for low-BOM current loop slave transmitter implementation. The NCN5192 uses phase continuous frequency shift keying (FSK)at 1200 bits per second. To conserve power the receive circuits are disabled during transmit operations and vice versa. This provides the half-duplex operation used in HART communications.

## Features

Low Power

Optimal for intrinsically safe applications

Integrated 16 bit Sigma-Delta DAC

Lower BOM cost

Bell 202 shift frequencies of 1200 Hz and 2200 Hz

Transmit-signal wave shaping

Meets HART physical layer requirements

SPI Communication

Receive band-pass filter

## Application

ONSEMI

### Related Products

NCV7340D14R2G

ON Semiconductor, LLC

SOP8

NCV7351FD13R2G

ON Semiconductor, LLC

SOIC-8

NCV7344AMW3R2G

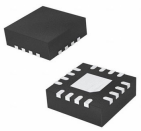
ON Semiconductor, LLC

DFNW-8

NCV7342MW3R2G

ON Semiconductor, LLC

DFN-8



NCN5150MNTWG

ON Semiconductor, LLC

20-VFQFN

NC7WB66L8X

ON Semiconductor, LLC

MicroPak-8

NCV7356D2R2G

ON Semiconductor, LLC

SOIC-14

NCV7351D13R2G

ON Semiconductor, LLC

SOP8