

CAN Bus, Transceiver, CAN, 1, 1, 4.5 V, 5.5 V, SOIC

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



Images are for reference only

Please submit RFQ for NCV7342D10R2G or [Email to us: sales@ovaga.com](mailto: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

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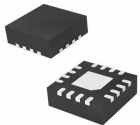
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