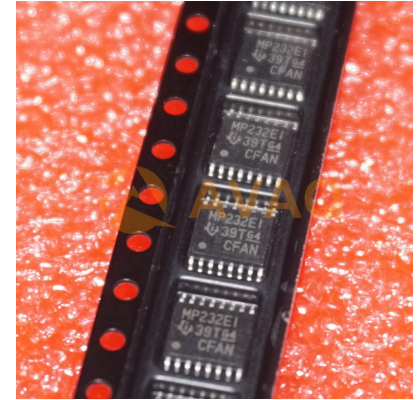


Dual Transmitter/Receiver RS-232 Automotive 16-Pin TSSOP T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: TSSOP16

Product Type: Drivers

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The MAX3232E device consists of two line drivers, two line receivers, and a dual charge-pump circuit with ± 15 -kV IEC ESD protection pin to pin (serial-port connection pins, including GND). The device meets the requirements of TIA/EIA-232-F and provides the electrical interface between an asynchronous communication controller and the serial-port connector. The charge pump and four small external capacitors allow operation from a single 3-V to 5.5-V supply. The device operates at data signaling rates up to 250 kbit/s and a maximum of 30-V/ μ s driver output slew rate.

Key Features

Qualified for Automotive Applications

Meets or Exceeds the Requirements of TIA/EIA-232-F and ITU v.28 Standards

Operates With 3-V to 5.5-V V_{CC} Supply

Operates up to 250 kbit/s

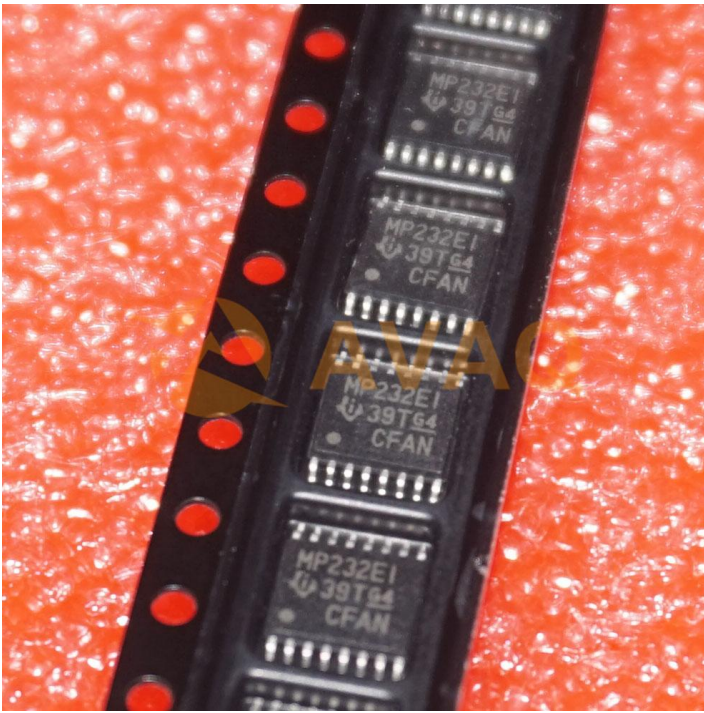
Two Drivers and Two Receivers

Low Standby Current . . .300 μ A Typical

External Capacitors . . . $4 \times 0.1 \mu$ F

Accepts 5-V Logic Input With 3.3-V Supply

Pin Compatible to Alternative High-Speed Pin-Compatible Device (1 Mbit/s): SNx5C3232



Recommended For You

MAX3223MDBREP

Texas Instruments, Inc
SSOP20

MAX232N

Texas Instruments, Inc
DIP-16

MAX3221ECDBR

Texas Instruments, Inc
SSOP16

MAX3222ECPWR

Texas Instruments, Inc
TSSOP20

MAX3222IPWR

Texas Instruments, Inc
TSSOP20

MAX3222ECDW

Texas Instruments, Inc
SOP20

MAX3223IDW

Texas Instruments, Inc
SOP20

MAX3243IPW

Texas Instruments, Inc
TSSOP

MAX3221MDBREP

Texas Instruments, Inc
SSOP-16

MAX208CDB

Texas Instruments, Inc
SSOP

MAX232ECN

Texas Instruments, Inc
DIP-16

MAX232IDW

Texas Instruments, Inc
SOP16

MAX3232MDBREP

Texas Instruments, Inc
SSOP16

DS90LV028AQMA/NOPB

Texas Instruments, Inc
SOP-8

MAX232EID

Texas Instruments, Inc
SOP16