

ADVANCE INFORMATION

All information in this data sheet is preliminary and subject to change.

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捷多邦, 专业PCB打样工厂, 24小时



加急出货

$\pm 15\text{kV}$ ESD-Protected, +5V RS-232 Transceiver

General Description

The MAX203E transceiver is designed for RS-232 and V.28 communications in harsh environments. Each driver output and receiver input is protected against $\pm 15\text{kV}$ electrostatic discharge (ESD) shocks, without latchup. The MAX203E has two drivers and two receivers. The drivers and receivers meet all EIA/TIA-232E and CCITT V.28 specifications at data rates up to 120kbps when loaded in accordance with the EIA/TIA-232E specification.

The MAX203E comes in 20-pin DIP and wide SO packages, and requires no external charge-pump capacitors.

Applications

Notebook, Subnotebook, and Palmtop Computers

Battery-Powered Equipment

Hand-Held Equipment

Features

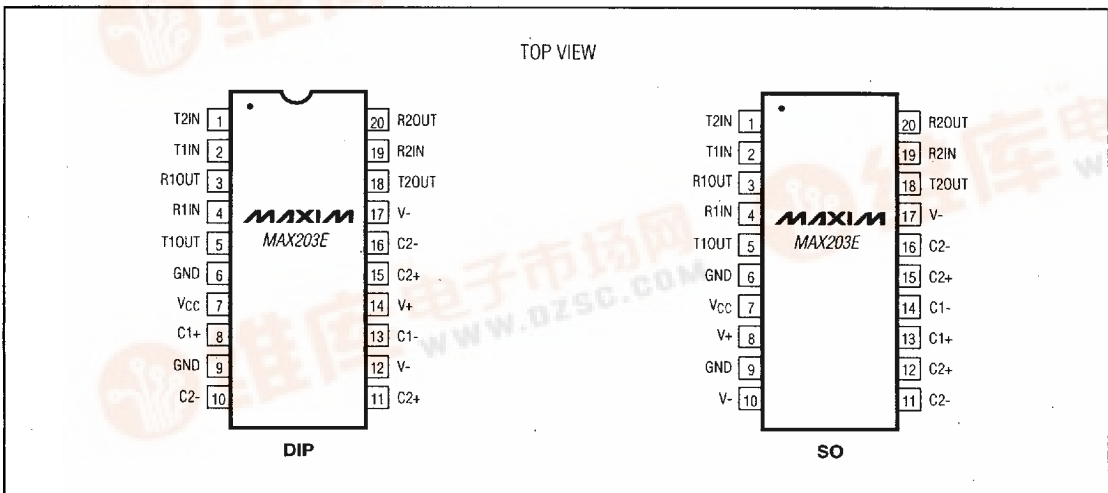
Better than Bipolar!

- ◆ ESD Protection for RS-232 I/O Pins:
 - $\pm 15\text{kV}$ —Human Body Model
 - $\pm 8\text{kV}$ —IEC801-2, Contact Discharge
 - $\pm 15\text{kV}$ —IEC801-2, Air-Gap Discharge
- ◆ Latchup Free (unlike bipolar equivalents)
- ◆ 2 Drivers, 2 Receivers
- ◆ Guaranteed 120kbps Data Rate—LapLink™ Compatible
- ◆ Guaranteed $3\text{V}/\mu\text{s}$ Min Slew Rate
- ◆ Operate from Single +5V Power Supply

MAX203E

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Pin Configurations



LapLink is a registered trademark of Traveling Software, Inc.



Call toll free 1-800-998-8800 for free samples or literature.

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