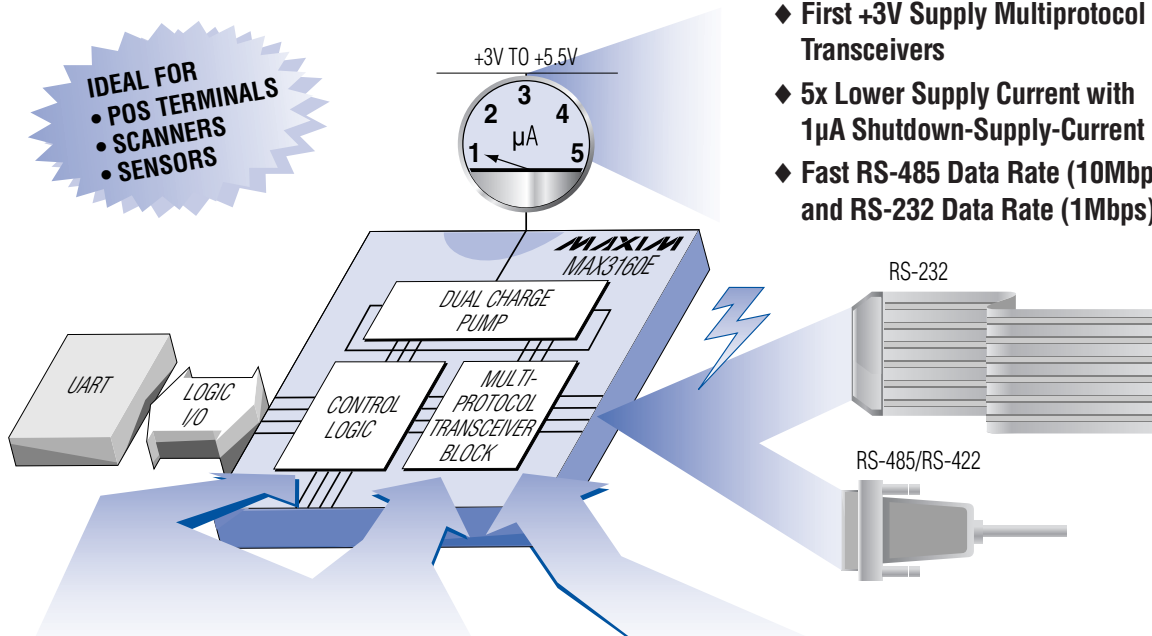


# FIRST 3V, $\pm 15\text{kV}$ ESD, $1\mu\text{A}$ RS-232/RS-485 MULTIPROTOCOL INTERFACE SOLUTIONS

## MAX3160E FAMILY BEATS THE COMPETITION



**IDEAL FOR**  
 • POS TERMINALS  
 • SCANNERS  
 • SENSORS

- ◆ First +3V Supply Multiprotocol Transceivers
- ◆ 5x Lower Supply Current with  $1\mu\text{A}$  Shutdown-Supply-Current Mode
- ◆ Fast RS-485 Data Rate (10Mbps) and RS-232 Data Rate (1Mbps)

- ◆ Only Multiprotocol Transceivers with Pin-Programmable Half- or Full-Duplex Operation (MAX3160E/MAX3161E)

- ◆  $\pm 15\text{kV}$  ESD Protection (Human Body Model)
- ◆ 1/8-Unit Load Transceivers (MAX3161E/MAX3162E) Allow Up to 256 Transceivers on the Bus vs. Industry-Standard 32

Part	Interface Protocol	No. of Transceivers on Bus	Package	Price† (\$)
MAX3160E	Pin-programmable 2Tx/2Rx RS-232 or 1Tx/1Rx RS-485/RS-422	128	20-SSOP	5.94
MAX3161E	Pin-programmable 2Tx/2Rx RS-232 or 1Tx/1Rx RS-485/RS-422	256	24-SSOP	
MAX3162E	Dedicated 2Tx/2Rx RS-232 and 1Tx/1Rx RS-485/RS-422	256	28-SSOP	

†1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



[www.maxim-ic.com/MAX3160E-info](http://www.maxim-ic.com/MAX3160E-info)

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