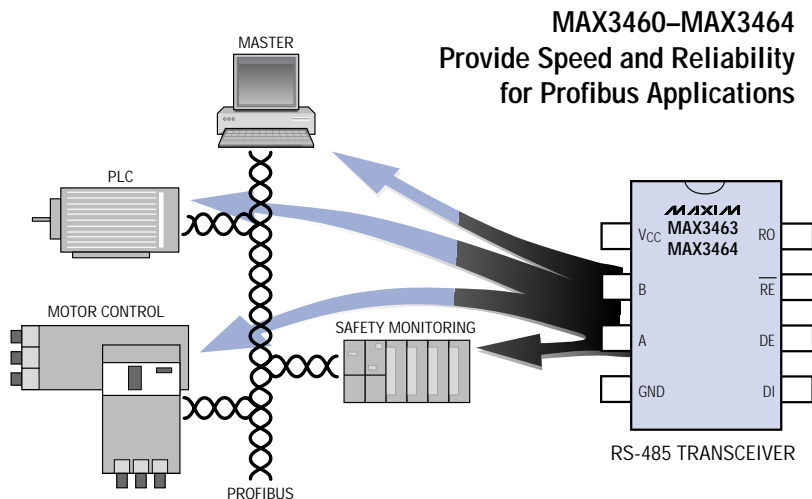


IMPROVE DATA RELIABILITY WITH PROFIBUS-COMPLIANT, FAIL-SAFE RS-485 TRANSCEIVERS

2.1V Output, 2ns Skew, 20ns Propagation Delay Exceed Profibus Specifications



Advantages Over the Competition:

- ◆ Hot-Swap Circuitry Eliminates Data Glitches During Hot Insertion
- ◆ True Fail-Safe Receiver Input Guarantees an Output High if the Receiver is Open, Shorted, or All Drivers are High Impedance
- ◆ 1/4 Unit Load Allows 128 Transceivers on the Bus
- ◆ Uses 80% Less Power

Other Benefits:

- ◆ Profibus Compliant
- ◆ 1 μ A Shutdown Mode Saves System Power

PART	POWER SUPPLY (V)	HALF/FULL DUPLEX	DATA RATE (Mbps)	SHUTDOWN	HOT-SWAP	TRUE FAIL-SAFE	PIN-PACKAGE	PRICE† (\$)
MAX3460	+5	Full	20	Yes	Yes	Yes	14-SO/14-DIP	2.92
MAX3461	+5	Full	20	Yes	No	Yes	14-SO/14-DIP	2.92
MAX3462	+5	Full	20	No	No	Yes	8-SO/8-DIP	2.92
MAX3463	+5	Half	20	Yes	Yes	Yes	8-SO/8-DIP	2.92
MAX3464	+5	Half	20	Yes	No	Yes	8-SO/8-DIP	2.92

†1000-up recommended resale, FOB USA. Price provided is for design guidance and is 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.



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