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Exar unveils dual-channel UART/RS-232 transceiver combo

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[eeProductCenter](#)

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Fremont, Calif.—Exar Corp. announced the industry's first dual-channel [8-bit](#) integrated universal [asynchronous](#) receiver transmitter (UART) and [RS-232](#) transceiver combination device family which supports data rates of up to 1 Mbps. The dual-channel XR19L2x2 series targets battery powered applications including laptops, portable devices, desktop PCs, and industrial [peripheral](#) interfaces such as handheld terminals and point-of-sale (POS) systems.

The dual-channel series, composed of the XR19L202/212/222, offers different packaging and modem [interface](#) options. The XR19L222 is ideal for full modem interfaces, which can be used as a standard PC [serial](#) port. The XR19L212 supports a half modem interface, and can be used in any application where the legacy modem I/Os are not needed or used. The XR19L202 targets quarter [modem](#) requirements, and is used in any application only needing the TX and RX signals.

The XR19L202/212/222 products are compliant with EIA/TIA-232-F standards from +3V to +5.5V power supply. Both RS-232 [driver](#) outputs and receiver inputs can operate in electrical environments of +/-15V without damage and can survive +/-15kV ESD on the RS-232 lines while maintaining RS-232 [output](#) levels.

The XR19L202/212/222 series supports standard serial [port](#) drivers as well as Windows CE drivers.

The XR19L202 is offered in a 48-pin QFN, and is priced at the mid-\$5 range in 1,000 piece quantities. Additional information on this product can be found at www.exar.com/product.php?ProdNumber=XR19L202.

The XR19L212 is offered in a 48-pin QFN, and is priced at mid-\$5 range in 1,000 piece quantities. Additional information on this product can be found at www.exar.com/product.php?ProdNumber=XR19L212.

The XR19L222 is offered in a 64-pin QFN, and is priced at mid-\$5 range in 1,000 piece quantities. Additional information on this product can be found at www.exar.com/product.php?ProdNumber=XR19L222.

[See related image](#)

All the devices are available for sampling now. Additional information on other UART products can be found



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