

## Press Release

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### **Exar Unveils Three High Performance (8Mbps), Low Voltage (1.62V), Dual Universal Asynchronous Receiver Transmitters (UARTs)**

#### **Product Series Continues Company's Focus on Technology Differentiation**

Fremont, California, June 18, 2007– Exar Corporation (Nasdaq: EXAR), a leading provider of high-performance, mixed-signal silicon solutions for the worldwide communications infrastructure, today announced three high performance (8Mbps), low voltage (1.62V) dual UARTs, or DUARTs. The XR16M275x series will be added to Exar's serial communications portfolio – one of the industry's broadest UART offerings. The XR16M275x series targets consumer and portable applications, Ethernet and network routers, cellular data devices and factory automation and process controls, amongst others.

“Answering customer demand for lower power solutions in growing cost-sensitive consumer and portable systems environments, the XR16M275x series is an ideal solution that not only supports present design requirements, but also preserves common device architecture for both current and next generation applications,” said Levent Ozcolak, vice president of marketing, Interface Products. “This launch is the result of ongoing technology development, and marks another step in Exar's continuing effort to deliver more design options to our customers.”

#### **Product Series Details**

The devices support Exar's enhanced features of programmable FIFO trigger level and FIFO level counters, automatic hardware (RTS/CTS) and software flow control with hysteresis control, automatic RS-485 half duplex direction control output and a complete modem interface. An internal loop back capability allows system diagnostics. Independent programmable fractional baud rate generators are provided in each channel to select data rates up to 8Mbps at 3.3V and 8X sampling clock. Additionally, each UART channel has 64-bytes of transmit and receive FIFOs plus a special character software flow control and an infrared encoder/decoder (IrDA ver 1.0). The XR16M275x series can operate from 1.62V to 3.63V. The XR16M275x devices offer on-board registers that provide the user with operational status and data error flags. In addition, the XR16M2751 supports both Intel and Motorola bus interfaces and has a Power-Save feature that isolates the data bus interface to further reduce power consumption in the sleep mode.

“Compatible with Exar’s earlier XR16V2x5x and XR16L2x5x series, the XR16M275x series ensures an easy migration path for customers seeking lower power solutions required for consumer and portable applications,” said Eric Nguyen, senior strategic marketing manager, Interface Products.

### **Tools and Support**

The XR16M275x series supports standard serial port drivers as well as Windows CE drivers. With the availability of software drivers and Exar’s application support line, customers can accelerate their time to market by minimizing driver development, testing and diagnostic procedures.

### **Packages, Prices, Availability and Additional Information**

The XR16M2750 is offered in a 48-pin TQFP and 32-pin QFN package. Additional information on this product can be found at <http://www.exar.com/product.php?ProdNumber=XR16M2750>. The XR16M2751 is offered in a 48-pin TQFP. Additional information on this product can be found at <http://www.exar.com/product.php?ProdNumber=XR16M2751>. The XR16M2752 is offered in a 44-pin PLCC and 32-QFN package. Additional information on this product can be found at <http://www.exar.com/product.php?ProdNumber=XR16M2752>. Additional information on other UART products can be found at <http://www.exar.com/area.php?areaID=3>. All the devices are available for sampling now and are priced in mid-to-upper-\$3 range in 1,000 piece quantities.

### **About Exar**

Exar Corporation designs, develops and markets high-performance, analog and mixed-signal silicon solutions for a variety of markets including networking, serial communications, and storage. Leveraging its industry-proven analog design expertise and system-level knowledge, Exar delivers to customers a wide array of technology solutions for current as well as next generation products. The Company is based in Fremont, CA, had fiscal 2007 revenues of \$68.5 million, and employs approximately 235 people worldwide. For more information about the Company visit: <http://www.exar.com>.

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