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
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66-MHz quad-channel UART complies with PCI 3.0 spec

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 REPRINTS

Fremont, Calif.—Exar Corp. has started to sample a quad-channel 66-MHz PCI 3.0-compliant UART dubbed the XR17V254 that features a 3.3-V supply, fractional baud rate generator, PCI Bus Power Management 1.1 support, 16-bit programmable timer/counter, and 64-byte FIFOs.

For more on PCI 3.0 specification, click here: www.pcisig.com/news_room/faqs/faq_pci30/.

The XR17V254 is aimed at applications that require 66-MHz PCI support. Support for 66-MHz PCI is ideal for system management and administration of applications where continuous redundancy and Quality of Service at higher bus clock speeds are critical. Applications include remote access servers, instrumentation, storage, embedded systems, serial port expansion, factory automation and process control.

Each UART channel includes a fully programmable TX and RX FIFO level trigger, FIFO level counter, automatic hardware and software flow control, wireless infrared (IrDA) encoder/decoder, and automatic RS-485 half-duplex direction control output to simplify hardware and software design.

The XR17V254 consists of four independent UART channels with a global interrupt source register for faster interrupt parsing of all the channels within the device. Its fifth generation configuration registers, and enhanced registers, meet the high bandwidth and power management requirements of communication systems.


[See related image](#)

The quad-channel XR17V254 is offered in a 100-pin TQFP package and priced at \$17.00 in 1,000 piece quantities.

Additional information on this product can be found at: www.exar.com/product.php?ProdNumber=XR17V254

Exar Corp., 1-510-668-7000, www.exar.com.

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