

## Press Release

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Contacts:

Greg Kaufman, Marketing Communications

(510) 668-7000

### **Exar Launches Low Power Short-Haul 14-Channel T1/E1/J1 LIU**

#### **Secures Strategic Design Win for Device with Telrad Networks**

Fremont, California, March 5, 2007 – Exar Corporation (Nasdaq: EXAR), a leading provider of high-performance, mixed-signal silicon solutions for the worldwide communications infrastructure, added an advanced, 14-channel short haul Line Interface Unit (LIU) to the industry's most extensive and scalable T/E LIU portfolio. Also today, Telrad Networks, a leading telecommunications equipment provider, designed in the device for their multi-services access platform and for the AMC CES/EoPDH portfolios.

The XRT83VSH314 implements internal termination that allows the same design to operate in T1, E1, or J1 modes independently on a per channel basis with minimum external components. The device targets varied applications including access devices, media gateways, routers, and frame relay devices.

“The XRT83VSH314 is a fully integrated 14-channel LIU ideal for cost-sensitive transport applications including multi-service provisioning platforms and routers and is a significant addition to our T1/E1/J1 product line up,” said Al Gharakhanian vice president of marketing for Networking and Transmission Products Division. “Exar is extremely pleased that Telrad Networks has chosen the XRT83VSH314 for their multi-services access platform and for AMC CES/EoPDH solutions. This key design with Telrad reaffirms that our T/E portfolio offers an important advantage for OEMs’ solutions. The XRT83VSH314, plus the release of our 21-channel E1 LIU in November 2006, demonstrates that continued investment in new T/E products extends our reach to address new market opportunities.”

“As a supplier of carrier-grade telecom equipment, Telrad is committed to providing consistently reliable product developments,” said Uri Joskovitch, vice president of Telrad’s Optical Products Division. “Exar’s multi-channel, T1/E1/J1 LIU integrated smoothly into our field-proven MSDM platform. With Exar’s wide array of T/E products, and our collaborative relationship, we look forward to working with Exar for our next generation product platforms.”

The Telrad Networks multi-services access platform product portfolio is deployed in a wide array of applications with leading equipment providers to the world’s largest carrier and service providers. The Multi Service DSM delivers TDM and Ethernet Services over a SONET/SDH infrastructure. The carrier-grade

platform provides multi-service access for service provider networks, wireless backhaul, and enterprise wireless networks.

The XRT83VSH314 meets or exceeds popular telecom specifications such as ITU G.703, G.775, and ANSI T1.402. and Bellcore GR-499 core. It contains a crystal-less jitter attenuator for each channel that can be configured in the transmit or the receive direction. Also, because of their inherent flexibility and standards compliance, the LIUs can be used in conjunction with any of Exar's market proven T1/E1/J1 framers. Additionally, the T1/E1/J1 short haul and clock rates are per port selectable through software without changing components. The device can perform internal impedance matching on both receive and transmit for E1, T1, J1, and 1200 (E1) applications. The impedance matching is selectable per port through software without changing components.

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

The XRT83VSH314 is available in a 304-pin PBGA package and operates at 1.8V, 3.3V with 5V tolerant I/O's over the industrial temperature range. In small quantities the XRT83VSH314 is \$28.78. Samples of the part are available now. Additional information on this product can be found at: <http://www.exar.com/product.php?ProdNumber=XRT83VSH314> and other T1/E1 Products at: <http://www.exar.com/area.php?areaID=2>.

**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 2006 revenues of \$67.0 million, and employs approximately 260 people worldwide. For more information about the Company visit: <http://www.exar.com>.

**About Telrad**

Telrad Networks develops products for service providers in NA and developing markets who want to provide quadruple-play, next generation, or other IP-based telecommunications services, Telrad Networks provides system integration and reliable products. Telrad is focused on providing dedicated, trustworthy and robust solutions and service to emerging markets and small and mid-sized operators and service providers. Telrad is a privately-owned company founded in 1951. For more information visit <http://www.telrad.com>.

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