

May 20, 2014



# Exar Expands Low Voltage Single Supply LDO Portfolio

## XR71211 Operates Down to 1.4V VIN Requiring No Charge Pump or External Bias

FREMONT, Calif., May 20, 2014 /PRNewswire/ -- Exar Corporation (NYSE: EXAR), a leading supplier of high performance analog mixed-signal components, and video and data management solutions, announced the expansion of its low voltage, low-dropout (LDO) regulators with the new XR71211. This LDO provides 1.5A from voltages as low as 1.4V and a guaranteed dropout voltage of 250mV at maximum junction temperature. The XR71211 is targeted at 1.5V to 1.2V and 1.8V to 1.5V conversions. The new LDO is targeted at a wide range of markets including communications, enterprise solutions, industrial systems and space constrained consumer devices.

Exar achieves the low dropout performance of the XR71211 regulator without requiring either an external bias voltage or an internal charge pump, which can often generate unwanted noise and affect system operation. The new LDO uses a single supply which reduces board layout complexity by avoiding the need to route a secondary bias rail to the LDO. Operating input voltage range is 1.4V to 2.625V and the device provides output voltages down to 0.6V with an accuracy of 0.5% using ceramic capacitors. In addition, precision enable and power good functions allow for easy sequencing and control.

"The XR71211 builds on the industry leading technology developed for the XRP6274 and XRP6275," said James Lougheed, vice president, power management, Exar. "Leveraging that technology, this latest addition to our high current LDO family is optimized for popular rail conversions such as 1.8V to 1.5V and 1.5V to 1.2V."

### Product Availability and Pricing

The XR71211 is available now in RoHS compliant, green/halogen free space-saving 10-pin 3x3mm DFN package and is priced from \$1.59 in 1000 piece quantities.

### Additional Information

Additional information on the XR71211 is also available online at <http://www.exar.com/power-management/power-conversion/lidos-and-regulators/linear-lidos/xr71211>.

Additional information on Exar's [DC-DC power conversion](#) products is also available online.

### About Exar

Exar Corporation designs, develops and markets high performance, analog mixed-signal

integrated circuits and advanced sub-system solutions for the Networking & Storage, Industrial & Embedded Systems, and Communications Infrastructure markets. Exar's product portfolio includes power management and connectivity components, communications products, high performance analog mixed-signal products and network security and storage optimization solutions. Exar has locations worldwide providing real-time customer support. For more information about Exar, visit <http://www.exar.com>.

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