



X-REL Semiconductor press release

For immediate distribution: Europe, including Russia, USA

## **X-REL Semiconductor launches new products: a HIGH-TEMPERATURE 40V / 80V DIODE Family.**

**X-REL diodes are designed for Down-hole, Automotive, Aeronautics & Aerospace applications.**

**Grenoble, France, November 2012** - Following the announcement of its XTRM products family (-60°C to +230°C) of high-temperature and extreme reliability electronics components, X-REL is proud to announce the availability of new products belonging to Diode Family:

- **XTR1N0415/ XTR1N0450:** Diodes with a reverse voltage above 55V [Datasheet](#)
- **XTR1N0815/ XTR1N0850:** Diodes with a reverse voltage above 90V [Datasheet](#)

Each part is composed of four electrically independent, well matched diodes in a single piece of silicon, which can be used individually. Targeted applications are general rectification, voltage blocking and clamping, power supplies, reliability-critical, automotive, aeronautics & aerospace, down-hole.

All these products offer several possible packaging configurations and samples and are available to customers. Read more about our products on our web site [www.x-relsemi.com](http://www.x-relsemi.com).

“The fact of having four diodes in a single package brings lot of flexibility to our customers, helping also to minimize the Bill-of-Material. As every of our XTRM Hi-rel and Hi-temp products, these diodes are qualified to operate even beyond the range -60°C to +230°C” said Gonzalo Picún, Chief Technical Officer at X-REL.

X-REL is also starting to offer **High-Temperature SiC Diodes** to qualified customers. Contact X-REL should you desire to be part of the first ones to profit of this breakthrough technology.

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### **About X-REL Semiconductor ([www.x-relsemi.com](http://www.x-relsemi.com))**

X-REL Semiconductor is a French fabless company commercialising off-the-shelf semiconductor products and ASIC's, as well as customized electronic solutions for hi-rel hi-temp applications in markets such as aeronautics & space, transportation & automotive, harsh environments, oil / gas & geothermal, military, energy and industrial. X-REL is a spin-off of EASii IC.

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