



X-REL Semiconductor launches XTRM; a new family of high-temp, extreme reliability electronics components.

XTRM is designed for aerospace, transportation, harsh environment, well-drilling, military and industrial applications.

Grenoble, France, 28th September, 2011 - Following the announcement of the creation of French spin-off X-REL Semiconductor from EASii IC, X-REL introduces XTRM, its High-Reliability / High-Temperature product portfolio dedicated to fields such as Aeronautics & Space, Transportation & Automotive, Harsh Environments, Oil & Gas, Industrial and Geothermal.

X-REL is proud to announce the availability of seven new products belonging to four product families:

- **XTR30010** PWM Controller: DC/DC converters and PWM control. It can operate in buck, boost, buck-boost, flyback and push-pull modes. [Datasheet](#)
- **XTR20x10** High-Temperature family of N-channel Power MOSFET with Driver: Low- or High-side switch. It includes power transistor and driver. [Datasheet 40V](#) / [Datasheet 70V](#)
- **XTR75010** High-Temperature Low-Power Series Voltage Regulator: output voltages from 1.2V to 15V (10 possible values). [Datasheet](#)
- **XTR431** High-Temperature Programmable Shunt Regulator: output voltage from 3V to 40V, cathode current from 0.5mA to 100mA. [Datasheet](#)

“Qualified to operate from -60°C (-76°F) to +230°C (+446°F), XTRM hi-rel and hi-temp features enable systems to maximise performance and boost robustness and reliability” said Lydie Ferreira, marketing and partnerships manager at X-REL.

All these products offer several possible packaging configurations and samples are available to customers. Read more about our products on our web site www.x-relsemi.com.

Designed to reliably perform for years, X-REL products make possible the reduction of overall system costs all through product lifecycle. Targeting applications such as power conversion, control, data acquisition, timing and signal conditioning, X-REL products offer enhanced reliability and superior performance over existing solutions.

You can also meet X-REL at the Grenoble Innovation Fair in October 20-21 2011.

http://www.grenoble-innovation-fair.com/GB_home.html

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About X-REL Semiconductor (www.x-relsemi.com)

X-REL Semiconductor is a French fabless company commercialising standard 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.

About EASii IC (www.easii-ic.com)

EASii IC is a consulting company and a design center specialising in Microelectronics, Electronics, Embedded and Real Time Software located in Grenoble, France. EASii IC provides services throughout Europe and the United States and offers customers flexible solutions adapted to their needs. Covered markets are ASIC design, electronic hardware and software in various application fields such as mobile telephony, consumer electronics, security, home (automation) and medical.

Contact Information:

X-REL Semiconductor

90 Avenue Léon Blum, 38100 Grenoble, France

Email: info@x-relsemi.com

Phone: +33 4 56 580 569

Fax: +33 4 56 580 599

www.x-relsemi.com

Issued by:

Caroline Lule, Pinnacle Marketing Communications Ltd

Tel: +44 (0) 84296548 Fax: +44 (0) 20 8868 4373

E-mail: c.lule@pinnaclemarcom.com

Web: www.pinnacle-marketing.com

September 2011 Ref: XREL002