



## Photo Release -- Alpha and Omega Semiconductor Pares Down Power Stage With PairFET (TM)

SUNNYVALE, Calif., Oct. 6, 2011 (GLOBE NEWSWIRE) -- [Alpha and Omega Semiconductor Limited](#) (AOS) (Nasdaq:AOSL), a designer, developer and global supplier of a broad range of power semiconductors, today announced the release of the [AON7932](#), a high power density 30V PairFET™ in a small asymmetric dual (High-Side and Low-Side integrated MOSFETs) power DFN3x3 package. The new PairFET provides compact and high power density DC/DC solutions for networking point-of-load (POL) converter, high performance servers, advanced notebooks, desktops, all-in-one PCs, and graphic cards applications.

A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=10782>

The AON7932 is part of a broad AOS portfolio of advanced MOSFET technology in dual asymmetric DFN packages (DFN5x6 and DFN3x3) which provide designers a wide range of solutions with high level functionality and performance in a small footprint. The pin-out of PairFET DFN3x3 package is arranged so that the input is on one side and the output on the other to further simplify the layout and PCB space.

"The AON7932 PairFET offers significant advantages over existing discrete solutions (greater than 90% efficiency at 3A) while also offering significant space savings by offering two MOSFETs inside the PairFET DFN3x3 package. This dual package configuration simplifies the layout and reduces parasitic inductance from PCB traces and consequently increases efficiency, which in turn allows design engineers to meet their design objectives of delivering high power density DC/DC buck converter solutions," said Peter Wilson, Director of Low Voltage MOSFETs at AOS.

The AON7932 device is 100% Rg and UIS tested, compliant to RoHS directive 2002/95/EC and Halogen-Free according to IEC 61249-2-21.

### Device Specification Table

AON7932	VDS	VGS	RDS(ON)		Qg (typ)	ID @ TA = 25°C	ID @ TA = 100°C
			@ 10V	@ 4.5V			
HS	30 V	±20 V	30 mΩ	26 A	2.3 nC	26 A	15 A
LS	30 V	±12 V	15 mΩ	35 A	9 nC	35 A	22 A

### Pricing and Availability

The AON7932 PairFET is immediately available in production quantities with a lead-time of 12 weeks. The unit price for 1,000 pieces is \$0.45.

### About AOS

Alpha and Omega Semiconductor Limited, or [AOS](#) is a designer, developer and global supplier of a broad range of power semiconductors, including a wide portfolio of [Power MOSFET](#) and [Power IC](#) products. AOS seeks to differentiate itself by integrating its expertise in device physics, process technology, design and advanced packaging to optimize product performance and cost, and its product portfolio is designed to meet the ever increasing power efficiency requirements in high volume applications, including portable computers, flat panel TVs, battery packs, smart phones, portable media players, UPS, motor control and power supplies. For more information, please visit [www.aosmd.com](http://www.aosmd.com).

### Forward Looking Statements

This press release contains forward-looking statements that are based on current expectations, estimates, forecasts and projections of future performance based on management's judgment, beliefs, current trends and anticipated product performance. These forward-looking statements include, without limitation, references to the efficiency, capability and application of new products. Forward looking statements involve risks and uncertainties that may cause actual results to differ materially from those contained in the forward-looking statements. These factors include, but are not limited to, the actual product performance in volume production, the quality and reliability of the product, our ability to achieve design wins, the

general business and economic conditions, the state of the semiconductor industry, and other risks as described in the Company's annual report and other filings with the U.S. Securities and Exchange Commission. Although the Company believes that the expectations reflected in the forward looking statements are reasonable, it cannot guarantee future results, level of activity, performance, or achievements. You should not place undue reliance on these forward-looking statements. All information provided in this press release is as of today's date, unless otherwise stated, and AOS undertakes no duty to update such information, except as required under applicable law.

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