

FOR IMMEDIATE RELEASE

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Alpha and Omega Semiconductor Shrinks Board Space with Chip Scale Packaging Technology

...new Power MOSFET reduces area by 70% and package height by 50%

SUNNYVALE, Calif., May 29, 2012 – [Alpha and Omega Semiconductor Limited](#) (AOS) (Nasdaq: AOSL), a designer, developer and global supplier of a broad range of power semiconductors, today introduced the [AOC2411](#), a high performance 30V p-channel Power MOSFET offered in a compact 1.6mm x 1.6mm chip scale package. The AOC2411 features a low on-resistance of 45mOhms and is ideally suited for battery powered applications that push the limits of size and performance such as the latest smart phones, tablet PCs, eBook readers, Ultrabooks, and other mobile Internet devices.

The AOC2411 reduces the amount of utilized board space by 70% while reducing the package height by 50% when compared to an industry standard TSOP6 package of similar electrical performance. This form factor reduction provides designers of power management circuitry with an ideal and cost-effective solution for minimizing board space in ultra-portable applications.

“AOS is committed to deliver high performance and value added solutions to its customers. By offering products like AOC2411 that minimize board space while improving performance – which is crucial for new innovative designs in ultra-portable applications, we are confirming that commitment.” said Peter Wilson, Director of Low Voltage MOSFETs at AOS.

Device Specification Table

Part Number	V _{DS} (V)	V _{GS} (V)	R _{DS(ON)MAX} @ 4.5V (mOhms)	R _{DS(ON)MAX} @ 2.5V (mOhms)	Q _g (typ) (nC)	I _D @ T _A = 25°C (A)
AOC2411	-30	±12	45	60	12.5	-3.4

Pricing and Availability

The AOC2411 is immediately available in production quantities with a lead-time of 12 weeks. The unit price for 1,000 pieces is \$0.35.

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.

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 and capability of new products, and the potential to expand into new markets. 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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