

**FOR IMMEDIATE RELEASE**

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## **Alpha and Omega Semiconductor Offers Dual-Channel EZPower™ Smart Load Switch Delivering up to 6A Per Channel of Continuous Current**

SUNNYVALE, Calif., May 6, 2014 [Alpha and Omega Semiconductor Limited](#) (AOS) (Nasdaq: AOSL), a designer, developer and global supplier of a broad range of power semiconductors and power ICs, today introduced [AOZ1331](#), the latest addition to the EZPower Smart Load Switch family that delivers up to 6A per channel of continuous current. The dual device's low on-resistance of 20mΩ in a thermally enhanced 3mm x 2mm DFN package give it an ideal  $R_{DS(ON)}$ -to-footprint ratio to enhance performance in space constrained applications. The AOZ1331 is an ideal solution for the latest notebook PCs, Ultrabooks, tablets, set-top-boxes, solid-state drives, networking equipment, LCD TVs, and other consumer electronics applications.

The AOZ1331 includes two n-channel MOSFETs with an input operating voltage range of 0.8V to 5.5V, with an input bias voltage range of 2.5V to 5V. Each load switch operation is independently controlled via a low-voltage logic control signal. The device can switch 6A per channel of continuous current with a turn-on slew rate that can be programmed by an optional external capacitor. Additionally, an internal 220Ω load resistor is integrated into each channel to allow for quick discharging of capacitive output loads.

“The combination of low on-resistance and a thermally enhanced 3x2mm DFN package, allows the AOZ1331 to offer industry-leading performance, making it the ideal load switch for a variety of applications” said Daniel Chang, Vice President of the Power IC Product Line at AOS. “The AOZ1331 simplifies designs by including features such as slew rate control and load discharge that eliminate input supply glitches and other noise.

### **Pricing and Availability**

The AOZ1331 is immediately available in production quantities with a lead-time of 12 weeks. The unit price of 1,000 pieces is \$0.48.

### **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](#), [IGBT](#) and [Power IC](#) products. AOS has developed extensive intellectual property and technical knowledge that encompasses the latest advancements in the power semiconductor industry, which enables us to introduce innovative products to address the increasingly complex power requirements of advanced electronics. AOS differentiates itself by integrating its Discrete and IC semiconductor process technology, product design, and advanced packaging know-how to develop high performance power management solutions. AOS's portfolio of products targets high-volume applications, including portable computers, flat panel TVs, LED lighting, smart phones, battery packs, consumer and industrial motor controls and power supplies for TVs, computers, servers and telecommunications equipment. 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 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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