

**FOR IMMEDIATE RELEASE**

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## Alpha and Omega Semiconductor Introduces New Single-Channel EZPower™ Smart Load Switch with Best-in-Class $R_{DS(ON)}$ -to-Footprint Ratio

SUNNYVALE, Calif., June 30, 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 announced the release of the [AOZ1334](#), a single-channel EZPower™ Smart Load Switch. The device features an ultra-low on-resistance of 3.9mΩ, and delivers up to 10A of continuous current in a thermally enhanced 3mm x 3mm DFN package. The AOZ1334 offers high efficiency in a compact size, and is an ideal solution for a variety of space-constrained applications such as tablets, notebook computers, set-top-boxes, solid-state drives, networking equipment, LCD TVs, and other consumer electronics applications.

The AOZ1334 includes an n-channel MOSFET that can provide 10A of current with a 3.2V to 5.5V bias supply, and operates down to 0.8V. The MOSFET turn-on time is controlled by a low voltage control signal through the ON pin. Additionally, an internal 220Ω load discharge resistor is integrated to allow quick discharging of capacitive output loads.

“With its ultra-low on-resistance and high current capability, the AOZ1334 offers industry-leading performance, making it a great solution for applications that require compact and efficient load switching.” said Daniel Chang, Vice President of the Power IC Product Line at AOS. “It simplifies designs by including features such as slew rate control and load discharge, which eliminates input supply glitches and other noise.”

### Technical Highlights

Continuous Current:	<b>AOZ1334DI</b>	<i>Leading Competitor</i>
On-resistance ( $V_{IN} = 1.05V$ , $V_{BIAS} = 5V$ , $T_A = 85^{\circ}C$ ):	up to 10A	<i>up to 6A</i>
Package:	5mΩ	<i>6mΩ</i>
	DFN 3x3-8L	<i>DFN 3x3-8L</i>

### Pricing and Availability

The AOZ1334 is immediately available in production quantities with a lead-time of 12 weeks. The unit price of 1,000 pieces is \$0.66.

### 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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