



Photo Release -- Alpha and Omega Semiconductor Introduces a Family of Low Capacitance Integrated EMI Filters for Advanced Multimedia 3G Portable Devices

SUNNYVALE, Calif., May 19, 2010 (GLOBE NEWSWIRE) -- Alpha and Omega Semiconductor (AOS) (Nasdaq:AOSL - News) today announced the release of three new multi-line RC EMI filters. The [AOZ8040](#), [AOZ8043](#), and [AOZ8045](#) provide integrated EMI and RF filtering solutions for high speed wireless data applications such as smart phones, 3G-enabled notebook PCs and eBook readers.

A photo accompanying this release is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=7491>

The AOZ804x product family includes devices with 8, 6, and 4 channels of EMI filtering. Leveraging AOS' advanced [TVS] 2 TM technology ([Transient Voltage Suppression](#) utilizing Trench Vertical Structures), the products include integrated ESD diodes rated at +/- 20kV, far exceeding the IEC61000-4-2 specification of +/- 8kV contact and +/- 15kV air. The new products provide optimized filter attenuation performance of -20dB at 1GHz and a high cut-off frequency of 250MHz, while offering a low capacitance of 9pF typical to allow faster data speeds and preserving signal integrity.

"By combining excellent filter attenuation performance with key features like high cut-off frequency and low capacitance, our new EMI filter products are ideally suited for filtering unwanted EMI/RF noise in high resolution high bandwidth LCD displays and camera modules that are embedded in next generation portable devices," said Wayne Eng, Product Marketing Director. "Additionally, the new product family features a low profile and small footprint packaging, offering design engineers significant board space savings and design flexibility."

Pricing and Availability

The AOZ804x family is available immediately. The table below shows brief specifications and pricing.

Part Number	Lines Protected	Package	Unit Price (1K+)
AOZ8040DI	8 lines	DFN1.2x3.5, 0.4mm pitch	US\$0.195
AOZ8043DI	4 lines	DFN1.2x1.8, 0.4mm pitch	US\$0.135
AOZ8045DI	6 lines	DFN1.2x2.5, 0.4mm pitch	US\$0.165

About AOS

Alpha and Omega Semiconductor is a designer and manufacturer of advanced [analog power management solutions](#). AOS offers a wide portfolio of [Power MOSFET](#) and [Power IC](#) products that incorporate advances in silicon device structure, integrated circuit design, and packaging technologies. AOS' broad product portfolio meets the ever increasing power efficiency requirements in high volume applications such as portable computers, flat panel TVs, battery packs, and power supplies. AOS' corporate headquarters is located in Sunnyvale, California, with regional offices in the Americas, Asia, and Europe. For more information, please visit us at <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 market conditions, and 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, our ability to introduce and develop new products that achieve market acceptance, our ability to achieve design wins, the general business and economic conditions, the state of semiconductor industry, and other risks as described in the Company's SEC filings, including its registration statement on Form F-1 filed on March 31, 2010, as amended, and other filings with the SEC. 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.

The photo is also available at Newscom, <http://www.globenewswire.com/newsroom/ctr?d=192290&l=11&a=www.newscom.com&u=http%3A%2F%2Fwww.newscom.com>, and via AP PhotoExpress.

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