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Exar Releases Power Saving Flat Panel VCOM Buffer Amplifier

iML Technology Provides Next Generation Product for Tablets and Notebooks

FREMONT, Calif., April 7, 2015 /PRNewswire/ -- Exar Corporation (NYSE: EXAR), a leading supplier of high-performance integrated circuits and system solutions, today announced a next generation VCOM control product based on patent-pending innovative architecture. Exar, through its merger with iML, is the leader in flat panel analog products including common voltage (VCOM) management for flat panel display's picture quality as well as reliability.

The [iML2911](#) provides a solution to add two additional power supply voltages readily available in panel electronics. The device employs sensing circuitry for VCOM output load requirement and automatically switches between multiple supply voltage combinations. This results in 50% savings of energy for still images and 25% to 30% savings for dynamic display images without affecting the quality. The device is also advantageous for use in TV panel applications, where heat dissipation from VCOM buffer devices is a major concern for panel and set makers, as local heating can negatively affect image quality.

Exar's senior vice president of marketing for ASSP, display and lighting products, Gi Young Lee, comments that "we are continuing to develop innovative techniques to address flat panel display makers' requirements to improve battery savings performance, a critical parameter for many mobile devices with rechargeable batteries."

The iML2911 is currently available in an 8-pin TDFN package and in a 9-ball CSP. Pricing starts at \$0.45 in 10,000-piece quantities. Device samples and evaluation circuit boards are available online or from your local sales office. For more information, visit www.exar.com/iml2911.

Summary of features:

- Significant power savings for managing VCOM voltage level
- Patent-pending, integrated sensing circuitry
- Up to 12V VCOM voltage range

About Exar

Exar Corporation designs, develops and markets high performance integrated circuits and system solutions for the industrial and embedded systems communications, high-end consumer and infrastructure markets. Exar's broad product portfolio includes analog,

display, LED lighting, mixed-signal, power management, connectivity, data management and video processing solutions. Exar has locations worldwide providing real-time customer support. For more information, visit www.exar.com.

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