



Aptina Delivers Full HD Video for Mobile Phones With New CMOS Image Sensor

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Barcelona, Spain, February 15, 2010 —Aptina, the leading innovator of CMOS imaging technology, announced today the availability of full HD video (1080p/60fps) for high-end mobile phones with the launch of its new high-resolution 14-megapixel, 1.4-micron MT9F011 mobile camera image sensor. Designed for improved video performance, this easy-to-use, cost-effective product offers both higher sensitivity for high-frame rates and reduced structured noise for clean low-light video.

The pre-processing options and features of the new MT9F011 mobile camera image sensor directly reflect the advanced capabilities OEMs and camera module integrators are looking for in high-end mobile phones. These include low power consumption, a four-lane MIPI® data interface (configurable as single, dual or quad lane), Bayer resample for improved video, 1/2.3" optical format, and 25 degree chief ray angle to minimize module height.

"Aptina continues to enable imaging everywhere," said Farshid Sabet, Aptina General Manager, Mobile Business Unit. "In an increasingly video-centric world, the availability of the MT9F011 and its full HD video combined with unparalleled pixel performance and sensor functionality enables our customers to deliver new and differentiated video products faster. Based on recent interest and design-in activity, the MT9F011 sensor positions us to leverage our strength and capitalize on new opportunities."

The pixels in the new MT9F011 are engineered to overcome the challenge of effective photon collection in the photodiodes that small pixels present when using conventional front side illumination (FSI). Aptina A-Pix technology provides sensitivity that is BSI-equivalent, yet with less crosstalk, lower noise and more accurate color reproduction.

Availability

Samples of the MT9F011 are currently available with mass production expected in Q2 2010.

About Aptina

Aptina is a global provider of CMOS imaging solutions with a growing portfolio of products that can be found in all leading mobile phone and notebook computer brands as well as a wide range of products for digital and video cameras, surveillance, medical, automotive and industrial applications, video conferencing, barcode scanners, toys, and gaming. Aptina enables Imaging Everywhere™ and continually drives innovation in the market as seen with the introduction of the first 14MP CMOS image sensor for point-and-shoot and hybrid cameras (MT9F001), and the industry's first 5MP SOC with ¼" format (MT9P111). Aptina is a privately held company with investors that include Riverwood Capital, TPG Capital and Micron Technology. For additional information on Aptina, visit www.aplina.com.

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Press Contacts

Mark Wilson
Marketing Communications Manager
markwilson@aptina.com
(408)660-2298