



Micron Introduces Tiny 2-Megapixel System-on-Chip For Today's Popular Thin Mobile Phones, PC Cameras and PDAs

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Boise, Idaho , Wednesday, February 13, 2008 – Expanding its portfolio of industry-leading digital imaging solutions, Micron Technology, Inc., today introduced a one-fifth inch 2-megapixel (MP) imaging system-on-chip (SOC) for thin mobile phones, PC cameras and personal digital assistants. The new imaging SOC (product number MT9D113) complements Micron's portfolio of image sensor products based on its high-performance 1.75-micron pixel. The SOC offers ease of design for mobile device manufacturers in a cost-effective package, enabling incorporation of highly-featured 2 MP cameras in phones targeted at the rapidly growing emerging markets. The new imaging SOC was announced in connection with the 2008 Mobile World Congress tradeshow in Barcelona, Spain.

By leveraging Micron's advanced 1.75-micron pixel design that is popular in products ranging from 1.3 MP to 8MP, and powered by its renowned DigitalClarity™ technology, the new imaging SOC offers excellent low-light sensitivity and high-speed image capture, with video modes of 15 frames per second (fps) at full resolution and 30 fps in viewfinder mode. With its one-fifth inch optical format, the new imaging SOC enables a 6.5 millimeter (mm) by 6.5 mm camera module size. The solution provides an easy upgrade for small format VGA and 1.3 MP parts and is also a compelling cost-down solution for larger format, one-quarter inch, 2 MP parts.

"Consumers have come to expect superior image quality with today's mobile camera devices, and the Micron MT9D113 offers this image quality in a cost-effective 2 MP complete imaging SOC format. With full camera functionality on-chip, this format helps mobile device manufacturers deliver their end products to market faster and more efficiently," said Sandor Barna, senior director of marketing for Micron's Imaging business. "We are pleased to offer our customers this new solution as part of the portfolio of leading-edge imaging technology they in turn have come to expect from Micron."

Additional key features designed into Micron's MT9D113 include a one-time-programmable (OTP) memory and both serial mobile industry processor interface (MIPI) and traditional parallel outputs. OTP allows greater programmability and manufacturing flexibility (by allowing designers to program the camera to use multiple lenses and enabling production calibration of lens parameters). The serial output requires fewer pins, reducing design time and cost. Additional specifications on the new solution can be found at <http://www.aplana.com>. The new imaging SOC is sampling now with mass production expected in March 2008.

As a leader in shrinking pixels, Micron's 1.75-micron pixel design allows for smaller sensor form factors to be designed into today's thin camera designs, all the while maintaining picture quality. In addition to Micron's new 2 MP imaging SOC, the 1.75-micron pixel family also includes:

- A 1/2.5-inch, 8-megapixel sensor (product number MT9E001) that is capable of bursting more than 10 pictures a second at full 8-megapixel resolution and more than 30 pictures a second at 2-megapixel resolution.
- A 1/3.2-inch, 5-megapixel sensor (product number MT9P012) that captures video at 60 frames per second (fps) at 720p and 30 fps at 1080p for high-definition video capture.
- A 1/4-inch, 3-megapixel (product number MT9T013) sensor that captures VGA video at 30 fps.
- A 1/4-inch, 3-megapixel (product number MT9T111) complete camera system on chip that has an anti-shake feature designed into the sensor, which greatly reduces image blurring often found in camera phone pictures due to camera shake.
- And a 1/6-inch, 1.3-megapixel (product number MT9M113) completely integrated camera system on chip capturing VGA video at 30 fps.

Micron has played a significant role in revolutionizing the way consumers capture and share pictures and video by pioneering imaging solutions for mobile phones, pocket cameras and notebook computers. With its superior imaging quality, Micron is a leading supplier of CMOS image sensors in the technology industry today. The company's imaging technology can be found in a variety of applications from mobile phones, digital still and video cameras, PC cameras, automotive, security and healthcare products. See Micron's complete imaging pipeline line for more details at www.micron.com/products/cmos.

About Micron

Micron Technology, Inc., is one of the world's leading providers of advanced semiconductor solutions. Through its worldwide operations, Micron manufactures and markets DRAMs, NAND flash memory, CMOS image sensors, other semiconductor components, and memory modules for use in leading-edge computing, consumer, networking, and mobile products. Micron's common stock is traded on the New York Stock Exchange (NYSE) under the MU symbol. To learn more about Micron Technology, Inc., visit www.micron.com.

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This press release contains forward-looking statements regarding the production of the MT9D113. Actual events or results may differ materially from those contained in the forward-looking statements. Please refer to the documents the Company files on a consolidated basis from time to time with the Securities and Exchange Commission, specifically the Company's most recent Form 10-K and Form 10-Q. These documents contain and identify important factors that could cause the actual results for the Company on a consolidated basis to differ materially from those contained in our forward-looking statements (see Certain Factors). Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. We are under no duty to update any of the forward-looking statements after the date of this press release to conform to actual results.

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