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OMNIVISION TARGETS MOBILE PHONE AND DSC/DV HYBRID MARKETS WITH HIGH-SENSITIVITY 5 MEGAPIXEL CAMERACHIP™ SENSOR

SUNNYVALE, Calif. — May 21, 2008 — OmniVision Technologies, Inc. (NASDAQ: OVTI), the world's largest supplier of CMOS image sensors, today introduced the first 5 MegaPixel CameraChip™ sensor that incorporates its proprietary 1.75 micron OmniPixel3-HS™ architecture. The new OV5630 delivers best-in-class low-light performance to enable a new generation of high-performance camera phones that deliver top quality digital photography and video in a small form factor.

In addition, OmniVision simultaneously launched the OV5633, a modified version of the OV5630 designed specifically for the digital still camera and digital video (DSC/DV) hybrid camera market. Both the OV5630 and OV5633 are currently sampling, with volume production expected to start in the fourth quarter of this calendar year.

“In the OV5630, we bring to market the best available performance for ultra-compact applications and a user-friendly platform that allows complete control over image quality, formatting and output data transfer,” said Grahame Cooney, Director of Product Marketing at OmniVision. “Both new 5 MegaPixel sensors reinforce our position in the industry as a technological innovator, and further extend our reach into the mobile phone and DSC/DV hybrid camera markets.”

The OV5630 and OV5633 both use OmniPixel3-HS technology, enabling unparalleled low-light image capture with low-light sensitivity of 960 mV/(Lux-sec). The 1/3.2-inch RGB raw sensors offer differing chief ray angles (CRA) to suit the specific lens requirements for mobile phone and DSC/DV hybrid applications. The sensors also support automatic exposure control, gain control, white balance, 50/60 Hz luminance detection and black level calibration.

Both sensors can output data in full 5 MegaPixel resolution at 15 frames per second (fps), and record 720p high definition (HD) video at 60 fps, or 1080p at 30 fps. In QVGA resolution, both sensors can output data at 120 fps, ideal for slow motion preview. For the fast transfer of image data, both sensors are outfitted with a two-lane, high-speed MIPI interface. This enables mobile phone makers to use the OV5630's parallel interface as input for a secondary camera, while alternately providing output via the MIPI interface.

The OV5630 is available in COB or CSP packaging, while the OV5633 comes in CLCC packaging.

About OmniVision®

OmniVision Technologies designs and markets high-performance semiconductor image sensors. Its CameraChip™ products using OmniPixel®, OmniPixel2™, OmniPixel3™ and OmniPixel3-HS™ technologies are highly integrated single-chip CMOS image sensors for mass-market consumer and commercial applications such as mobile phones, digital still cameras, security and surveillance systems, interactive video games, laptops and PCs and automotive and medical imaging systems. Additional information is available at www.ovt.com.

Safe-Harbor Language

Certain statements in this press release, including statements regarding the performance and capabilities of, and the expected time frame for volume production of the OV5630 and OV5633 CMOS image sensors are forward-looking statements that are subject to risks and uncertainties. These risks and uncertainties, which could cause the forward-looking statements and OmniVision's results to differ materially, include, without limitation: potential errors, design flaws or other problems with the OV5630 and OV 5633; customer and market acceptance, demand, and other risks detailed from time to time in OmniVision's Securities and Exchange Commission filings and reports, including, but not limited to, OmniVision's most recent annual report filed on Form 10-K and its most recent quarterly reports filed on Form 10-Q. OmniVision expressly disclaims any obligation to update information contained in any forward-looking statement.

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