



OMNIVISION ANNOUNCES COST-EFFECTIVE 5-MEGAPIXEL CAMERACHIP™ SENSOR FOR VIDEO CENTRIC APPLICATIONS

OV5656 LEVERAGES IMPROVED OMNIBSI+™ PIXEL TO DELIVER FULL-RESOLUTION HIGH-SPEED PHOTOGRAPHY AT 30 FRAMES PER SECOND

SANTA CLARA, Calif., — November 5, 2012 — OmniVision Technologies, Inc. (NASDAQ: OVTI), a leading developer of advanced digital imaging solutions, today announced the OV5656, a high performance, cost-effective 5-megapixel CameraChip sensor for growing smartphone, tablet and digital video camera (DVC) markets. The OV5656 utilizes OmniVision’s improved and cost-competitive OmniBSI+ pixel architecture to deliver full-resolution, high-speed photography at 30 frames per second (FPS) and high definition (HD) video, making it an attractive solution for a wide range of video-centric applications.

“Industry reports are predicting an annual demand of more than 450 million 5-megapixel image sensors over the next three years, and the OV5656’s high performance and competitive cost structure make it a highly desirable camera solution for OEMs across multiple markets,” said Vinoo Margasahayam, senior product marketing manager at OmniVision. “Compared to the previous-generation OV5650, the OV5656 delivers several performance improvements, including full resolution, high-speed 5-megapixel photography at 30 FPS, a 28 percent improvement in full-well capacity and significantly improved dynamic range in a smaller die size.”

The 1/3.2-inch OV5656 utilizes advanced 1.75-micron OmniBSI+ pixel architecture. The sensor’s integrated scaler allows it to record 1080p HD video at 30 FPS with electronic image stabilization (EIS) while maintaining full field-of-view (FOV). Using 2 x 2 binning functionality with post-binning re-sampling filter, the OV5656 can capture 720p HD video at 60 FPS. Additionally, the OV5656 features a high-speed 4-lane MIPI interface and LVDS serial output interface to facilitate the required high data transfer rate.

The OV5656 fits into a module size of 8.5 x 8.5 with a z-height of less than 6 mm. It is currently available for sampling in both RW and CSP.

About OmniVision

OmniVision Technologies (NASDAQ: OVTI) is a leading developer of advanced digital imaging solutions. Its award-winning CMOS imaging technology enables superior image quality in many of today's consumer and commercial applications, including mobile phones, notebooks, tablets and webcams, digital still and video cameras, security and surveillance, entertainment devices, automotive and medical imaging systems. Find out more at www.ovt.com.

Safe-Harbor Language

Certain statements in this press release, including statements regarding the expected benefits, performance, capabilities, and potential market appeal of the OV5656 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 OV5656, customer 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 annual report filed on Form 10-K and 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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