OMNIVISION LAUNCHES 16-MEGAPIXEL CAMERACHIP™ SENSORS FOR DSC/DVC AND HIGH-END SMARTPHONE APPLICATIONS

OV16820 AND OV16825 PROVIDE 16-MEGAPIXEL BURST PHOTOGRAPHY, SUPPORT EMERGING 4K2K STANDARD IN HIGH RESOLUTION RECORDING

SANTA CLARA, Calif., — May 22, 2012 —OmniVision Technologies, Inc. (NASDAQ: OVTI), a leading developer of advanced digital imaging solutions, today announced the OV16820 and OV16825, two 16-megapixel CameraChip sensors that support 16-megapixel burst photography and can capture 4K2K video, or Quad Full High Definition (QFHD), at 60 frames per second (FPS). Built on the high-performance 1.34-micron OmniBSI-2™ pixel architecture, the OV16820 and OV16825 were developed by OmniVision to support emerging standards in high-resolution video recording for the digital still and video camera (DSC/DVC) markets and the high-end smartphone market, respectively.

"It was an industry-wide assumption that smartphones would cut into DSC/DVC sales; but at higher resolutions, we're seeing a very distinct divide between the two markets and both remain strong," said Devang Patel, senior product marketing manager at OmniVision. "Industry experts have observed that mainstream DSC products are shifting to 16-megapixel resolutions and are offering improved image quality and optics.[1] The OV16820 supports such offerings, allowing DSC/DVC manufacturers to provide consumers a high-resolution, feature-rich point and shoot photography experience, while the OV16825 provides top-tier imaging and video recording capabilities for flagship smartphones."

The 1/2.3-inch OV16820 and OV16825 image sensors are capable of operating in full resolution (4608 x 3456) video at 30 FPS, 4K2K (3840 x 2160) video at 60 FPS, and 1080p HD video at 60 FPS with extra pixels for electronic image stabilization (EIS). Additionally, the sensors enable full resolution 16-megapixel burst photography, a critical feature for DSC applications. All required image processing functions, including defective pixel and noise canceling, RAW scaling, image size, frame rate, exposure, gain, cropping and orientation are programmable through the serial camera control bus (SCCB) interface.

[1] Source: TSR "First Half 2011 CCD & CMOS Area Image Sensor Market Analysis" June, 2011

The sensors are offered with industry-standard connectivity, including up to 8-lane MIPI and LVDS output interfaces for high data transfer rates. The OV16820 is available for sampling in a ceramic land grid array (CLGA) package while the OV16825 will be available in die form (RW/COB). Both are expected to enter volume production by the fourth quarter of 2012.

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, as well as anticipated timing of availability and mass production, of the OV16820 and OV16825 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 OV16820 and OV16825, 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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