



## **OMNIVISION'S OV10630 AND OV10635 AUTOMOTIVE IMAGE SENSORS RECEIVE AEC-Q100 QUALIFICATION, START MASS PRODUCTION**

### ***SINGLE-CHIP IMAGING SOLUTIONS OFFER COMPLETE BACK-END FUNCTIONALITY WITH HIGH DYNAMIC RANGE FOR AUTOMOTIVE APPLICATIONS***

**SANTA CLARA, Calif., — February 21, 2012** — OmniVision Technologies, Inc. (NASDAQ: OVTI), a leading developer of advanced digital imaging solutions, today announced that its flagship automotive image sensors, the OV10630 and the OV10635, have both received AEC-Q100 Grade 2 qualifications, meeting the high standards of quality and performance for automotive applications. Additionally, OmniVision announced that both sensors are in volume production and will be shipping to multiple automotive customers. The two sensors are similar in functionality and performance but are integrated in different packages, giving customers greater flexibility in product designs.

“The OV10630 and OV10635 set a new standard for SoC image sensors in advanced driver assist systems,” said Dr. Mario Heid, automotive marketing manager at OmniVision. “These image sensors deliver exceptionally clear, high dynamic range and low-noise color images in HD format under the most challenging lighting conditions, making them front-runners for next-generation automotive applications.”

The megapixel OV10630 and OV10635 fully integrated system-on-chip (SoC) automotive image sensors lead the market by combining 720p/30 high-definition (HD) video with color high dynamic range (HDR) functionality. Ideally suited for wide field of view and multi-camera applications, the sensors have an unparalleled ability to simultaneously deliver high-quality video and superior scene information content. This is a key feature for automotive applications that require concurrent vision and sensing functions. The streamlined device architecture allows next-generation camera interfaces and advanced automotive system architectures, such as Ethernet-based driver assist solutions, to penetrate mass-market applications.

Both sensors are built on 4.2-micron OmniPixel3-HS™ pixel architecture, with best-in-class low-light sensitivity of 3.65V/lux-sec for capturing detail-rich, HD-quality color video. Furthermore, the sensors

use OmniVision's unique split pixel technology, in which the information for the HDR multi-capture is sampled simultaneously from the scene rather than sequentially, minimizing motion artifacts and delivering superior image quality in the most demanding automotive dynamic scene conditions. They provide fully-processed, display-ready color HDR video output in 8- or 10-bit YUV format, or 10- to 18-bit combined RAW RGB HDR output with complete user control over formatting and data transfer. Unprocessed RAW data is also available in two 10-bit format images. To support system health, the sensors incorporate a number of automotive-specific features, including a temperature sensor with automatic disabling capabilities.

The OV10630 comes in an 11 mm x 11 mm CBGA2 package, while the OV10635 is integrated in a 7.8 mm x 7.1 mm aCSP package. Both are now available in high-volume quantities.

### **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 <http://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 OV10630 and OV10635 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 OV10630 and OV10635, 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.*

OmniVision® and the OmniVision logo are registered trademarks of OmniVision Technologies, Inc. OmniPixel3-HS™ is a trademark of OmniVision Technologies, Inc. All other trademarks are the property of their respective owners.

# # #

**Media Contact:**  
**Martijn Pierik**  
**Impress Labs**  
**602.366.5599**  
[martijn@impresslabs.com](mailto:martijn@impresslabs.com)

**Company Contact:**  
**Scott Foster**  
**OmniVision Technologies**  
**408.567.3077**  
[sfoster@ovt.com](mailto:sfoster@ovt.com)

**Investor Relations:**  
**Mary McGowan**  
**Blackburn Communications LLC**  
**408.653.3263**  
[invest@ovt.com](mailto:invest@ovt.com)