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| **Press Release** | **12.04.2017** |

Allied Vision shows latest CMOS camera and infrared imaging at Semicon Southeast Asia 2017

Allied Vision will be exhibiting in Semicon Southeast Asia 2017 and showcasing Goldeye short-wave infrared (SWIR) camera and latest Manta CMOS camera with Sony Pregius IMX sensor

Singapore, 12 April 2016 – Allied Vision will once again be participating in SEMICON Southeast Asia, the region’s premier event for microelectronics design and manufacturing, from 25-27 April 2017 in Penang, Malaysia.

**Infrared imaging for wafer inspection**Goldeye short-wave infrared (SWIR) cameras are fitted with InGaAs sensor technology which is sensitive in the short-wave infrared spectrum of 900 nm to 1700nm. Housed in a compact ruggedized housing, all Goldeye cameras are equipped with active thermoelectric cooling (TEC) to reduce noise and enable extended exposure times as well as constant image quality. This makes them the perfect choice for industrial applications beyond the visible spectrum.

Allied Vision booth will feature an infrared imaging microscope by [Radiant Optronics](http://www.radiantoptronics.com/). The microscope uses Goldeye G-033 to see through the silicon wafer for inspection of micro cracks in the microcircuit. Infrared imaging makes the inspection easy the because silicon is transparent in the short-wave infrared spectrum.

**Industrial cameras with latest CMOS sensor technology**Allied Vision has recently expanded its product portfolio with the latest Pregius CMOS image sensors from Sony. These global shutter sensors have been widely acclaimed in the industry for their outstanding image quality, dynamic and high frame rates that outperform equivalent CCDs.

Latest addition is the Manta G-895 which incorporates Sony’s Pregius IMX267 CMOS sensor with 8.9 Megapixels resolution. With this new camera, users can take advantage of the benefits of this sensor along with the flexibility and rich feature set of Allied Vision’s Manta platform. Manta is Allied Vision’s versatile GigE vision camera with a wide range of features.

The new Manta G-895B will be used to demonstrate material defect inspection of parts in Allied Vision’s booth. Visitors can take the opportunity to discuss their own inspection tasks with experts from Allied Vision.

**SEMICON Southeast Asia 2017 – booth #A125
25 – 27 April 2017
SPICE Arena Penang, Penang, Malaysia**

**Profile of Allied Vision**

For over 25 years, Allied Vision has been helping people to see the bigger picture. Allied Vision supplies camera technology and image capture solutions for industrial inspection, science, medicine, traffic monitoring and many more application areas in digital imaging. With a deep understanding of customers’ needs, Allied Vision finds individual solutions for every application, a practice which has made Allied Vision one of the leading camera manufacturers worldwide in the machine vision market. The company has eight locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries. [www.alliedvision.com](http://www.alliedvision.com)

**Contact (Company Headquarters):**Allied Vision Technologies GmbH | Taschenweg 2a | 07646 Stadtroda, Germany
Tel.: +49 36428/677-0 | Fax: +49 36428/677-24 | info@alliedvision.com | [www.alliedvision.com](http://www.alliedvision.com)

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| **Media Contact:** |  |
| JessicaAllied Vision Technologies Asia Pte. Ltd.82 Playfair Road#07-02 D'LithiumSingapore 368001Tel.: +65 66349027Fax: +65 66349029jessica@alliedvision.com |  |