|  |  |
| --- | --- |
| **Press Release** | **08.04.2016** |

Allied Vision shows imaging solutions for the semiconductor industry at SEMICON Show

Allied Vision exhibits low-cost, infrared and thermal imaging cameras at SEMICON Southeast Asia 2016 in Penang, Malaysia from 26-28 April 2016.

Singapore, 8 April 2016 – SEMICON Southeast Asia is the region's event dedicated to microelectronics design and manufacturing. On its 2nd consecutive year, Allied Vision will be exhibiting at this show from 26-28 April 2016 at SPICE arena in Penang, Malaysia.

**Semiconductor inspection with visible and infrared imaging**

Allied Vision will showcase its Mako entry-level camera models with USB3 Vision interface. Mako U-029B is an ultra compact affordable camera for simple plug-and-play integration. With up to 550 fps, this low-cost high frame rate camera is particularly suitable to be used on high-speed inspection of microelectronic components.

The Allied Vision booth will also feature the Goldeye short-wave infrared camera series. Goldeye G-033 will be used to demonstrate wafer defect inspection. Infrared imaging makes semiconductor wafers and integrated circuit die defect inspection easy because semiconductor material such as silicon is transparent in the short-wave infrared wavelength spectrum. Another application of infrared cameras is thermal imaging. A demo featuring Pearleye P-030 will show how to detect thermal signature of a PCBA (Printed Circuit Board Assembly) as a tool to inspect the electrically related defects. Defects are detected by looking for anomalies in the thermal signature of the PCBA. Any disruption on the flow of current will distort its thermal signature, causing parts of a defective board to run hotter or colder than normal.

**SEMICON Southeast Asia 2016 – booth #A125  
April 26-28, 2016  
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](mailto:info@alliedvision.com) | [www.alliedvision.com](http://www.alliedvision.com)

|  |  |
| --- | --- |
| **Media Contact:** |  |
| Jessica  Allied Vision Technologies Asia Pte. Ltd.  82 Playfair Road  #07-02 D'Lithium  Singapore 368001  Tel.: +65 66349027  Fax: +65 66349029  [jessica@alliedvision.com](mailto:jessica@alliedvision.com) |  |