

VPEC expands capacities with AIXTRON technology

Taiwanese epi foundry chooses AIXTRON MOCVD systems to meet growing demand for lasers and other devices

Herzogenrath/Germany, May 02, 2018 – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, will deliver high-end MOCVD technology to long-standing customer Visual Photonics Epitaxy Co. Ltd. (VPEC). The Taiwanese semiconductor foundry, mainly specialized in solutions for wireless and optical device epi wafers, plans to ramp-up its epitaxy production with multiple AIX 2800G4 MOCVD cluster systems to meet the globally growing demand for various photonic and electronic applications.

AIXTRON will deliver all AIX 2800G4 reactors with an 8x6-inch wafer configuration that enables maximum yield at the highest quality level available in the market. Being the tool of reference within the semiconductor industry for the manufacturing of diode lasers, such as VCSELs (vertical cavity edge emitting lasers) and EEL (edge emitting lasers), the AIX 2800G4 has built itself a strong reputation due to the unique product performance and the high volume manufacturing capabilities of the automated AIXTRON Planetary batch reactor concept.

Neil Chen, Senior Vice President of VPEC, comments: "AIXTRON is the leading provider of high-volume manufacturing equipment for arsenide phosphide (AsP) based materials. As a proven tool for high-volume production in the area of photonic applications, the AIX 2800G4 system delivers exactly the outstanding uniformity and reproducibility, but also flexibility and versatility that we require as an epi foundry to serve the needs of our demanding customers."

"Driven by the growing number of applications and the continuing penetration of high-end communication technology, the demand for arsenide phosphide based optoelectronic devices such as VCSELs or datacom lasers is expected to increase further. Based on a longstanding and trustful relationship with VPEC, we are looking forward to support the growth of one of the leading epi foundries in Asia", says Dr. Bernd Schulte, President of AIXTRON SE.

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About AIXTRON

AIXTRON SE is a leading provider of deposition equipment to the semiconductor industry. The Company was founded in 1983 and is headquartered in Herzogenrath (near Aachen), Germany, with subsidiaries and sales offices in Asia, United States and in Europe. AIXTRON's technology solutions are used by a diverse range of customers worldwide to build advanced components for electronic and opto-electronic applications based on compound, or organic semiconductor materials. Such components are used in a broad range of innovative applications, technologies and industries. These include LED applications, display technologies, data storage, data transmission, energy management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

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For further information on AIXTRON (FSE: AIXA, ISIN DE000A0WMPJ6) please visit our website at: www.aixtron.com.

About VPEC

Visual Photonics Epitaxy Co. Ltd., a semiconductor epitaxial wafer pure play foundry, was founded in 1996 and is based in Ping-Jen City, Taiwan. The company provides solutions for wireless communications, optical fiber communications, and solar cell applications.

For further information, please visit: http://www.vpec.com.tw/vpec/homeweb/homeweb_e/index.php

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