

Xiamen Changelight expands ROY LED production with MOCVD technology from AIXTRON

Longstanding AIXTRON customer relies on market leading MOCVD platform to meet increasing demand for display and lighting applications

Herzogenrath/Germany, November 29, 2017 – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, announced today that the company has received an order on multiple AIX 2800G4-TM MOCVD cluster tools from Chinese optoelectronic manufacturer Xiamen Changelight Co., Ltd to expand its production capacity for gallium arsenide-based (GaAs) red, orange and yellow (ROY) LEDs.

Each production cluster consists of two multi-wafer AIX 2800G4-TM process modules with susceptor configurations of 15x4-inch and one automation module serving both process modules, to enable high-volume manufacturing. Customers benefit from maximized throughput as well as the industry's highest product yield and chemicals efficiency of the AIX 2800G4-TM, therewith setting the sector's benchmark for lowest cost per wafer.

"As a consequence of the increasing acceptance in numerous lighting and display applications such as smart lighting, city lighting and fine pitch display technology, market demand for ROY LEDs is getting stronger and therefore, requires continuous capacity expansion by manufacturers. As we have been very pleased with AIXTRON's reliable AIX 2800G4-TM platform and excellent service over the years, we decided to add further systems to the tools already in production", says Mr. Niu Xingsheng, Vice General Manager of Xiamen Changelight.

Dr. Bernd Schulte, AIXTRON's President, comments: "AIXTRON's AIX 2800G4-TM platform has built itself a reputation as the tool of record for the production of GaAs-based ROY LEDs, VCSEL and thin-film solar cells in the industry and therefore, we are convinced that we will provide Changelight with the best possible support in their expansion plans. We are looking forward to continue our longstanding, trustful collaboration with Changelight."

For further information please contact

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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, silicon, 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.

Our registered trademarks: AIXACT[®], AIXTRON[®], Atomic Level SolutionS[®], Close Coupled Showerhead[®], CRIUS[®], Gas Foil Rotation[®], Optacap[™], OVPD[®], Planetary Reactor[®], PVPD[®], TriJet[®]

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

About Xiamen Changelight

Founded in 2006, Xiamen Changelight Co. Ltd. mainly produces full-color ultra-bright LED epitaxial wafers and chips, high performance gallium arsenide solar cells, LED lighting products and provides energy-saving lighting application solutions. Changelight's headquarter is located in Xiamen, Fujian Province, People's Republic of China. Currently, the company possesses several wholly owned subsidiaries and holding or share-participation companies in Xiamen, Yangzhou and other places. In addition, it has set up offices in Shenzhen, Zhongshan and other places.

For further information: http://www.changelight.com.cn/index_En.aspx

Forward-Looking Statements

This document may contain forward-looking statements regarding the business, results of operations, financial condition and earnings outlook of AIXTRON. These statements may be identified by words such as "may", "will", "expect", "anticipate", "contemplate", "intend", "plan", "believe", "continue" and "estimate" and variations of such words or similar expressions. These forward-looking statements are based on our current assessments, expectations and assumptions, of which many are beyond control of AIXTRON, and are subject to risks and uncertainties. You should not place undue reliance on these forward-looking statements. Should these risks or uncertainties materialize, or should underlying expectations not occur or assumptions prove incorrect, actual results, performance or achievements of AIXTRON may materially vary from those described explicitly or implicitly in the relevant forward-looking statement. This could result from a variety of factors, such as actual customer orders received by AIXTRON, the level of demand for deposition technology in the market, the timing of final acceptance of products by customers, the condition of financial markets and access to financing for AIXTRON, general conditions in the market for deposition plants and macroeconomic conditions, cancellations, rescheduling or delays in product shipments, production capacity constraints, extended sales and qualification cycles, difficulties in the production process, the general development in the semi-conductor industry, increased competition, fluctuations in exchange rates, availability of public funding, fluctuations and/or changes in interest rates, delays in developing and marketing new products, a deterioration of the general economic situation and any other factors discussed in any reports or other announcements, in particular in the chapter Risks in the Annual Report, filed by AIXTRON. Any forward-looking statements contained in this document are based on current expectations and projections of the executive board based on information available the date hereof. AIXTRON undertakes no obligation to revise or update any forward-looking statements as a result of new information, future events or otherwise, unless expressly required to do so by law.

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