

## San'an Optoelectronics expands ROY LED production with multiple AIX 2800G4-TM systems

Fine Pitch Displays continue to raise demand for red LEDs

**Herzogenrath/Germany, January 16, 2019** – AIXTRON SE (FSE: AIXA), a worldwide leading provider of deposition equipment to the semiconductor industry, today announced that the Company will supply multiple AIX 2800G4-TM (IC2) cluster systems to San'an Optoelectronics, thereby supporting the Chinese chipmaker's long-term plan to address the rising market demand for Fine Pitch Displays which requires a capacity increase in red, orange and yellow LEDs (ROY LEDs). All AIX 2800G4-TM (IC2) tools will feature a configuration of 15x4 inches and are scheduled for shipment between Q4/2018 and Q2/2019.

AIXTRON's automated Planetary Reactor® platform has been established as the tool of reference for arsenide-phosphide-based ROY LEDs due to its unique production performance and high manufacturing capacity that enables maximum yield at the highest quality level. Globally, the AIX 2800G4-TM forms the production backbone of numerous leading photonics manufacturers.

Simon Lin, General Manager of San'an Optoelectronics, says: "Due to our longstanding cooperation, we are familiar with AIXTRON's equipment technology. With respect to our long-term expansion plans for our LED business, we have a great deal of confidence in the outstanding quality of the latest AIX 2800G4-TM model which has proven to be the best system currently available on the market. Characterized by wafer homogeneity and efficiency in material consumption in combination with maximum flexibility and versatility in production, the AIX 2800G4-TM enables us to meet the demanding requirements of our customers."

"We are pleased that San'an has once again selected our highly reliable AIX 2800G4-TM system for its capacity expansion. Looking forward to the continuation of our long-standing collaboration with one of the global leading LED manufacturers, we will enable San'an to quickly commission the supplied systems for high-volume production," comments Dr. Bernd Schulte, President of AIXTRON SE.

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**For further information please contact**

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# PRESS RELEASE



## 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 laser and LED applications, display technologies, data transmission, SiC and GaN power management and conversion, communication, signaling and lighting as well as a range of other leading-edge technologies.

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

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

## About San'an Optoelectronics

Xiamen San'an Optoelectronic Technology Co., Ltd. is the earliest-founded, largest-in-size and best-in-quality industrialized production base of full-color ultra-high brightness LED epitaxial wafers and chips. It was established in November 2000 with registered capital of 360 million RMB, and is a wholly owned subsidiary company of San'an Optoelectronic Co., Ltd. (stock code: 600703). Being awarded the "Demonstration Project of National High-Tech Industrialization" approved by the National Development and Reform Commission and the "Leading Enterprise of Semiconductor Illuminating Engineering" recognized by the Ministry of Science and Technology, it has undertaken a lot of significant national research projects such as the 863 Program and the 973 Programs. The Company has established a post-doctoral scientific research station and a national enterprise technical center. San'an is the manufacturer in China engaging in manufacturing, developing and selling epitaxial wafer and devices for semiconductor-based lighting, and owns excellent technological basis and facilities necessary for carrying out R&D projects of LED quality of lighting.

## 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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