



**For Immediate Release**

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## **ADVANCE REPRODUCTIONS CORPORATION EXPANDS ITS PHOTOMASKING CAPABILITIES WITH THE INSTALLATION OF MYCRONIC AB'S FPS5500 NEXT GENERATION MASK WRITER**

Advance Reproductions Corporation, a worldwide manufacturer of large-area and optical photomasks and phototools, is pleased to announce the installation of its next-generation laser writer for photomask manufacturing. The Mycronic FPS5500 is the latest technology offering from Mycronic AB, Täby, Sweden. Installation was completed in July 2016 and is currently in production for photomask manufacturing.

The FPS5500 is a multi-beam laser system capable of generating photomasks up to 1.1 meters in size with geometries as small as  $.75\mu\text{m}$ . With multiple resolution levels available, the FPS5500 offers high throughput and accuracy for all of your critical photomask applications.

According to Michael DeBruyckere, President of Advance, "The FPS5500 puts Advance in the forefront of photomask manufacturing technology. Bringing together the FPS's versatility and Advance's technical resources, combined with our outstanding customer service organization, Advance is well positioned to meet the most challenging applications customers can offer."

The FPS5500 mask writer is based on technology from Mycronic's market-leading LCD mask writers and provides a unique combination of extreme productivity, outstanding image quality and stable operation. Designed for maximum flexibility, the FPS5500 can produce photomasks for a large variety of applications such as light emitting diodes, touch panels and advanced packaging.

### **ABOUT ADVANCE REPRODUCTIONS CORPORATION**

Advance Reproductions Corporation, an ISO 9001 and ITAR registered company, is a leading supplier of high-quality, large-area and optical photomasks and phototools. Incorporated since 1968, Advance supports companies throughout the world involved in the manufacture of semiconductor, hybrid, microwave, nanotechnology, display and electronic packaging devices. In addition, Advance takes pride in supporting the high precision photomask requirements of colleges and universities both nationally and internationally. We offer a variety of custom manufacturing services for research and development applications, custom shaped substrates, vacuum deposition, engineered tooling and custom finishing. Advance Reproductions has direct sales representatives nationwide, and a dedicated support staff to assist with technical questions, job status updates, and pricing information.