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ESI RECEIVES MULTI-SYSTEM ORDER FROM LEADING NORTH AMERICAN IC MANUFACTURER FOR TFOS LASER-TRIMMING SYSTEMS

ESI's Leading IP Fuels Rapid and Continued Global Adoption of 2100 TFOS System

PORTLAND, Ore.—Nov. 6, 2007—Electro Scientific Industries, Inc. (Nasdaq: ESIO), a leading provider of world-class photonic and laser systems for micro-engineering applications, today announced it has received and shipped a multiple-system order from a leading North American analog integrated circuit (IC) manufacturer for its Model 2100 thin-film-on-silicon (TFOS) laser-trimming system.

Designed in cooperation with industry-leading prober manufacturers, the 2100 platform allows customers to integrate their TFOS solution with their tester and prober of choice to realize significant technology, flexibility and cost advantages. This multiple-system order further highlights ESI's leading technology position which allows global chip manufacturers to pursue their technology roadmaps.

"ESI's Model 2100 offers a revolutionary approach to thin-film trimming," Richa Anand, ESI product marketing manager explained. "By combining the proven advantages of our patented 1.3-micron process with probers from the world's leading manufacturers, the 2100 is the most cost-effective solution for our global customers. As our most advanced laser trimmer, the 2100 system is providing major competitive wins that expand ESI's presence in the analog-mixed signal market."

Model 2100 Features

The Model 2100 is available with ESI's patented 1.3-micron laser-trimming process. This advanced technology provides competitive advantages from its single-pulse clean cutting of metal links and the elimination of laser-induced photo response. As a result, the final yield is significantly improved. The 2100 offers both a robust kinematic mount design for mating the trim

head to the prober, thus providing superior accuracy and vibration resistance, and a standalone prober operation option on the trim head to provide maximum flexibility for manufacturers wrestling with changes in their production mix. ESI's Model 2100 delivers significant throughput advantages over competing solutions, providing IC manufacturers with greater accuracy and increased throughput in a single, low-cost solution.

About ESI, Inc.

ESI is a pioneer and leading supplier of world-class photonics and laser systems that help its microelectronics customers achieve compelling yield and productivity gains. The company's industry-leading, application-specific products enhance electronic-device performance in three key sectors—semiconductors, components and electronic interconnect—by enabling precision fine-tuning of device microfeatures in high-volume manufacturing environments. Founded in 1944, ESI is headquartered in Portland, Ore. More information is available at www.esi.com.

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