



Contacts:

Aehr Test Systems

Carl Buck
V.P. of Marketing
(510) 623-9400 x381
cbuck@aehr.com

MKR Group Inc.

Todd Kehrli or Jim Byers
Analyst/Investor Contact
(323) 468-2300
aehr@mkr-group.com

**AEHR TEST SYSTEMS ANNOUNCES FOLLOW-ON ORDER FOR ABTS™
TEST SYSTEM FROM LEADING IC MANUFACTURER**

Fremont, CA (October 23, 2014) - Aehr Test Systems (Nasdaq: AEHR), a worldwide supplier of semiconductor test and burn-in equipment, announced today that it has received a follow-on order for an ABTS test and burn-in system from a leading multi-national manufacturer of advanced logic integrated circuits (ICs) for automotive, embedded processing, digital signal processing and analog applications. The order includes a down payment and volume pricing discount. This system is planned to ship in the second quarter of Aehr Test's fiscal 2015.

"We are extremely pleased to receive this order for an additional very high capacity production system from this customer that is in the process of ramping up production of automotive devices," said Mark Allison, vice president of sales at Aehr Test Systems. "Because of the need for extremely high reliability in automotive applications, there is a strong need for both qualification and production burn-in of these devices. Also, with decreasing geometries and increasing densities, the absolute power and variation in power is increasing, which we believe makes ABTS systems an ideal solution with their ability to dissipate up to 36kW of power and to individually control the temperature of each device. We believe that these capabilities provide the largest device capacity in the industry."

The ABTS family of products is based on a new hardware and software platform that is designed to address not only today's devices, but also future devices for many years to come. It can test and burn-in both logic and memory devices, including resources for high pin-count devices and configurations for high-power and low-power applications. ABTS systems can be configured with up to 72 burn-in boards, up to 320 I/O channels, 32M of test vector memory per channel and up to 16 independent device power supplies. The ABTS system is optimized for use with the Sensata iSocket* Thermal Management Technology, which provides a scalable cost-effective solution using individual device temperature control for up to 64 devices per burn-in board and up to 75 watts per device or more. Individual temperature control enables high-power devices with a broad range of power

dissipation to be burned-in simultaneously in a single burn-in chamber while maintaining a precise device temperature. The ABTS system also uses N+1 redundancy technology for many key components in the system to maximize system uptime.

*iSocket is a trademark of Sensata Technologies, Inc.

About Aehr Test Systems

Headquartered in Fremont, California, Aehr Test Systems is a worldwide provider of test systems for burning-in and testing logic and memory integrated circuits and has an installed base of more than 2,500 systems worldwide. Increased quality and reliability needs of the Automotive and Mobility integrated circuit markets are driving additional test requirements, capacity needs and opportunities for Aehr Test products in package and wafer level test. Aehr Test has developed and introduced several innovative products, including the ABTS and FOX™ families of test and burn-in systems and the DiePak® carrier. The ABTS system is used in production and qualification testing of packaged parts for both low-power and high-power logic as well as all common types of memory devices. The FOX system is a full wafer contact test and burn-in system used for burn-in and functional test of complex devices, such as leading-edge memories, digital signal processors, microprocessors, microcontrollers and systems-on-a-chip. The DiePak carrier is a reusable, temporary package that enables IC manufacturers to perform cost-effective final test and burn-in of bare die. For more information, please visit the Company's website at www.aehr.com.

Safe Harbor Statement

This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on information available to Aehr Test as of the date hereof and actual results could differ materially from those stated or implied due to risks and uncertainties. Forward-looking statements include statements regarding expected shipping dates of our ABTS systems and uses of our ABTS systems. The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include, without limitation, general world economic conditions and events, the state of the semiconductor equipment market, our ability to maintain sufficient cash to support operations, acceptance by customers of the ABTS technology, acceptance by customers of the ABTS systems shipped upon receipt of a purchase order and the ability of new products to meet customer needs or perform as described. See Aehr Test's recent 10-K, 10-Q and other reports from time to time filed with the Securities and Exchange Commission for a more detailed description of the risks facing our business. Aehr Test disclaims any obligation to update information contained in any forward-looking statement to reflect events or circumstances occurring after the date of this press release.

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