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## **AK8180A Press Release**

### **AKM Launches New 1:10 LVCMOS Clock Fanout Buffer**

San Jose, CA June 17, 2011 — AKM Semiconductor (AKM), a leading supplier of analog and mixed-signal IC's, today launched the AK8180A, a 1:10 LVCMOC clock fanout buffer for computing and communications applications. First in a family of fanout buffers, the AK8180A includes two pin-selectable LVCMOS inputs, and 10 LVCMOS output buffers.

The AK8180A operates with clock frequencies up to 250MHz, and its outputs are organized into three separately controlled banks. Each bank has its own respective output divider and power supply. The divider can be set for divide by 1, or divide by 2. The outputs are set to a high impedance state when disabled. The AK8180A can be operated off of either 2.5V or 3.3V, and maximum current consumption is just 2mA. The output buffer banks can operate at either 2.5V or 3.3V, independent of the core operating voltage. Output-to-output skew is less than 200ps, or less than 150ps within a single bank. The AK8180A is fully compatible with the MPC9446.

The AK8180A is housed in a 32-pin TQFP package. Evaluation boards and samples are available now, and the device is in mass production. For more information, contact AKM Semiconductor at 888-256-7364, or visit [www.akm.com](http://www.akm.com).

### **About AKM Semiconductor**

AKM Semiconductor (AKMS) is a wholly owned subsidiary of Asahi Kasei Microdevices Corporation, Tokyo, Japan. AKMS, located in San Jose, California, offers sales, marketing and design support for North and South American customers. AKM designs and manufactures CMOS mixed signal integrated circuits for applications including audio, multimedia, data storage, and telecommunications. North American headquarters are located at 1731 Technology Drive, Suite 500, San Jose, CA 95110.