



## For Immediate Release

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### **SiTime Introduces the World's Thinnest Clock Oscillator with Height of 0.25mm**

***High-Performance, Programmable Clock Oscillator is  
Ideal for High Volume Portable Electronics***

**SUNNYVALE, Calif. – Sept. 22, 2008** – SiTime Corporation, the leader in MEMS-based silicon timing solutions, today announced the availability of the world's thinnest clock oscillator, which is one-third the height of quartz-based oscillators. The SiT8002XT offers industry-leading programmability, robustness and reliability and short lead times, making it the ideal clock source for high-volume portable electronics, such as high capacity SIM cards, smart cards, mobile phone system in package (SIP) modules, digital cameras, LCD TVs, media players, gaming solutions, hard disk drives and USB peripherals.

The SiT8002XT measures 3.5 mm by 3.0 mm, with a typical height of 0.25mm and is packaged in a four-pad XLLGA package. Along with SiTime's other industry-leading MEMS-based timing devices, the SiT8002XT offers breakthrough reliability and ruggedness. The SiT8002XT offers 10 times better reliability and shock resistance than quartz oscillators, ensuring more robust, longer-life electronics. The device's small size also enables it to be embedded inside popular SIP modules for mobile applications, eliminating external clock sources completely and reducing system design complexity.

The SiT8002XT is fully factory-programmable, allowing samples to be delivered in 24 to 48 hours, which is significantly faster than the eight- to 16-week lead times for quartz oscillators. Factory-programmable features include a highly accurate output clock frequency (1-125 MHz), operating voltage (1.8V, 2.5V, 3.3V), frequency tolerance ( $\pm 100$  PPM and  $\pm 500$  PPM) and standby or output enable modes. These features ensure that the device can be optimized for the customer's design and can be configured through an easy-to-use part number calculator available at SiTime's website, [www.sitime.com](http://www.sitime.com).

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“Consumer demand for portable electronics is driving the development of smaller and thinner semiconductors,” said Piyush Sevalia, vice president of marketing for SiTime. “SiTime’s industry-leading MEMS and programmable analog technology has enabled us to offer the thinnest, most robust and reliable clock oscillator in the market, with the shortest lead times in the industry.”

Samples of the SiT8002XT are available now. Production quantities will be available in the fourth quarter of 2008.

#### **About SiTime**

SiTime Corporation develops MEMS-based silicon timing solutions. SiTime addresses the \$5B timing market with leadership products that are the smallest, thinnest, most robust, reliable, configurable, and offer the shortest lead times. The company’s solutions are the heartbeat of cutting-edge electronic products, such as fiber-to-the-home (FTTH) equipment, computing devices, graphics cards, disk drives, mobile phones and high capacity SIM cards. Headquartered in Sunnyvale, Calif., SiTime is privately owned and backed by leading venture capital firms. For more information, please visit [www.sitime.com](http://www.sitime.com).