



Time Machine

MEMS Oscillator Programmer



The Smart Timing Choice™



The Time Machine is a complete programming kit for SiTime's MEMS-based silicon timing solutions. It enables you, the system designer, to customize SiTime's field programmable MEMS oscillators to your exact specifications.

**Any Frequency,
Any Voltage, Any Stability**

Get your oscillator samples in less than 60 seconds.

Features

- Programming support for:
 - Singled-ended oscillators*
 - Differential oscillators*
 - Spread spectrum oscillators*
 - VCXO oscillators*
- Ability to program:
 - Frequency up to 5 decimal place of accuracy*
 - Frequency stability as low as ± 20 PPM*
 - Supply voltages 1.8V to 3.3V*
 - 5 packages: 2.5x2.0mm, 3.2x2.5mm, 5.0x3.2mm, 7.0x5.0mm, 3.5x3.0mm*
- Verification of programmed devices
- Traceability for programmed devices
- Automatic software updates
- Forward compatibility with new SiTime products

Benefits

- Immediate availability of oscillator samples
- Higher system performance and reliability
- Faster time-to-market

Programming Kit Contents:

- USB Programmer
- Adapter boards for 4-pin & 6-pin oscillators
- USB cable
- HDMI cable (for differential oscillator)
- AC/DC adapter
- Installation CD

Latest Time Machine updates available at:
<http://www.sitime.com/timemachine.php>



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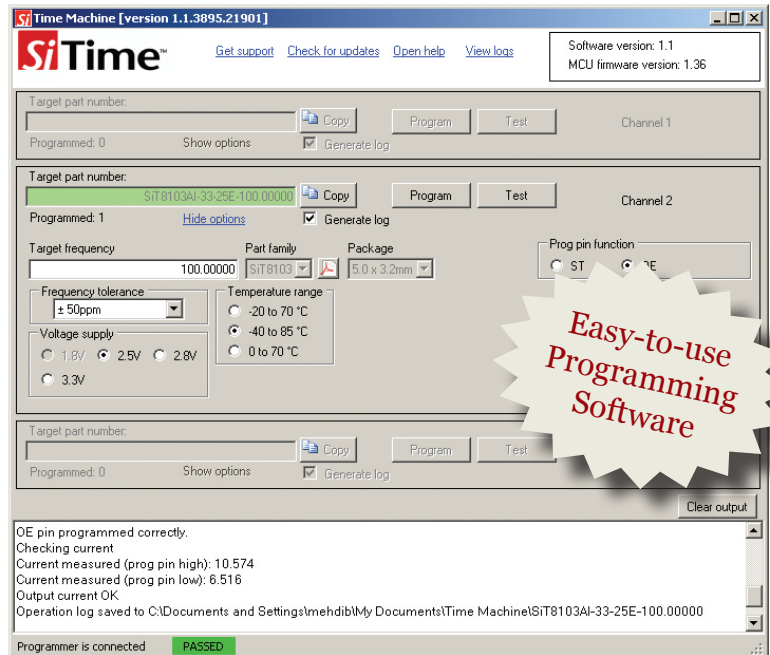


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3 Simple Steps to Program MEMS Oscillators

- 1 Mount the blank device
- 2 Specify desired oscillator configuration
- 3 Program

Supported Platforms: Microsoft Windows® XP, Microsoft Windows® Vista, Microsoft Windows® 7



Easy-to-use
Programming
Software

Supported Devices

High Performance Oscillators	SiT8103, SiT8102, SiT8004, SiT8503
Differential Oscillators	SiT9102, SiT9107
Low Power Oscillators	SiT8003, SiT8003XT, SiT8033
Spread Spectrum Oscillators	SiT9001, SiT9002, SiT9003
VCXO	SiT3701

Ordering Information

SiT6000DK	Complete kit including all daughter cards
SiT6060DK	Daughter card for 4-pin devices in 7050, 5032 and 2520 packages
SiT6061DK	Daughter card for 4-pin devices in 3225 and 3530 packages
SiT6062DK	Daughter card for 6-pin devices in 7050 and 5032 packages

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