
Silicon Sculptor v5.22.11 Windows Release Notes

Silicon Sculptor Windows (SculptW) v5.22.11 is a new general release of the Silicon Sculptor software, supporting Silicon Sculptor 3 programmers.

Contents

- [New Device Support](#)
- [Software Enhancements](#)
- [New Socket Module Support](#)
- [Should I Upgrade?](#)
- [Supported Platforms](#)
- [Minimum System Requirements](#)
- [New Features and Enhancements](#)
- [Resolved Issues](#)
- [Known Issues and Workarounds](#)
- [Download Software](#)

New Device Support

- M2GL090/T/S/TS - FG676 JTAG support
- M2GL090/T/S/TS - FG676 SPI support
- M2S150/T/S/TS - FC1152 JTAG support
- M2S150/T/S/TS - FC1152 SPI support
- M2GL005/S - VF256 JTAG support
- M2GL005/S - VF256 SPI support
- M2GL010/T/S/TS - VF256 JTAG support
- M2GL025/T/S/TS - VF256 JTAG support
- M2GL025/T/S/TS - FCS325 JTAG support
- M2GL050/T/S/TS - FCS325 JTAG support
- M2GL060/T/S/TS - FCS325 JTAG support
- M2S025/T/S/TS - FCS325 JTAG support
- M2S050/T/S/TS - FCS325 JTAG support
- M2S060/T/S/TS - FCS325 JTAG support
- M2GL050/T/S/TS - VF400 JTAG support
- M2GL050/T/S/TS - VF400 SPI support
- M2GL010/T/S/TS - TQ144 JTAG support
- M2S010/T/S/TS - TQ144 JTAG support
- M2GL060/T/S/TS - FG676 JTAG programming support
- M2GL060/T/S/TS - FG676 SPI programming support

Software Enhancements

- Add support for new revision of dat files used for SPI-Slave programming of M2S and M2GL devices.

Bug Fixes

- None

New Socket Module Support

- SM2S-1152FC-MSSOC
- SM2S-325FCS-MSSOC

This release features everything in prior general and special releases, as well as new content. For a complete list of device support in SculptW v5.22.11, refer to the [Current Device Link](#). Product-specific Silicon Sculptor adapter modules are available. For a complete list, refer to the [Silicon Sculptor Adapter Modules](#) page.

Should I Upgrade?

All customers should upgrade to this release immediately.

In general, Microsemi® always recommends upgrading to the latest general release version of the Silicon Sculptor software. Upgrading to a special release should only be done if notified by email.

Equivalent multi-site programmer software from BPM Microsystems

Silicon Sculptor v5.22.11 is equivalent in functionality to BPWin v5.53.0 Beta of December 11th or later. The first regularly scheduled BPWin release to support all of the features (device support, enhancements, and bug fixes) of this Silicon Sculptor v5.22.11 release is/will be BPWin v5.53.0.

Supported Platforms

- Windows 7 Professional
- Windows Vista® Business
- Windows XP® with SP3 (cumulative)

Silicon Sculptor I, Silicon Sculptor II and Silicon Sculptor 6X can no longer be used with this version of the software. These obsolete programmers are no longer supported.

Notes:

- The SculptW software may operate on other Windows 7 editions. However, Microsemi only guarantees operation on the Professional edition, which is used during software testing.
- The SculptW software may operate on other Vista editions. However, Microsemi only guarantees operation on the Business edition, which is used during software testing.
- Administration rights to the local workstation are required both for installation and for at least one launch of SculptW after installation

Minimum System Requirements

- Pentium III or higher processor
- 1 GMB of available memory
- USB 2.0 port
- 50 MB of available hard disk space
- SVGA 256-color and 800x600 or higher resolution
- For Windows operating systems, you must have Admin rights to the local workstation for installation purposes.

New Features and Enhancements

- **Add support for new revision of dat files used for SPI-Slave programming of M2S and M2GL devices.**

Resolved Issues

- **None**

Known Issues and Workarounds

- **SAR 37022:** Progress bar stops moving for RTAXS/AX. No action is required. Programming continues and returns a message when complete.
- **SAR 35484:** If AX/RTAX device fails first operation with prebroadcast, it is not clear that the system is expecting another device to be inserted.
Workaround: Cancel programming or insert another device.
- **SAR 9255:** For the following devices, STAPL files generated from Libero[®] Integrated Design Environment (IDE) v8.4 will generate a failure.
 - AFS600
 - AFS1500
 - M7AFS600
 - M1AFS600
 - M1AFS1500
 - P1AFS600
 - P1AFS1500

WORKAROUND: Use a STAPL file generated with Libero IDE v8.4 SP2 or a later version to program the FPGA. If you still need to use a STAPL file from Libero IDE v8.4 to program your FPGA using Silicon Sculptor, contact soc_tech@microsemi.com for more information.

Download Software

- [Silicon Sculptor v5.22.11 \(Windows\)](#) (28.0 MB)



Microsemi Corporate Headquarters
One Enterprise, Aliso Viejo,
CA 92656 USA

Within the USA: +1 (800) 713-4113
Outside the USA: +1 (949) 380-6100
Sales: +1 (949) 380-6136
Fax: +1 (949) 215-4996

E-mail:
sales.support@microsemi.com

© 2015 Microsemi Corporation. All rights reserved. Microsemi and the Microsemi logo are trademarks of Microsemi Corporation. All other trademarks and service marks are the property of their respective owners.

Microsemi Corporation (MSCC) offers a comprehensive portfolio of semiconductor and system solutions for communications, defense & security, aerospace and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; security technologies and scalable anti-tamper products; Ethernet solutions; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,600 employees globally. Learn more at www.microsemi.com.

Microsemi makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its products and services for any particular purpose, nor does Microsemi assume any liability whatsoever arising out of the application or use of any product or circuit. The products sold hereunder and any other products sold by Microsemi have been subject to limited testing and should not be used in conjunction with mission-critical equipment or applications. Any performance specifications are believed to be reliable but are not verified, and Buyer must conduct and complete all performance and other testing of the products, alone and together with, or installed in, any end-products. Buyer shall not rely on any data and performance specifications or parameters provided by Microsemi. It is the Buyer's responsibility to independently determine suitability of any products and to test and verify the same. The information provided by Microsemi hereunder is provided "as is, where is" and with all faults, and the entire risk associated with such information is entirely with the Buyer. Microsemi does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other IP rights, whether with regard to such information itself or anything described by such information. Information provided in this document is proprietary to Microsemi, and Microsemi reserves the right to make any changes to the information in this document or to any products and services at any time without notice.