Silicon Sculptor v5.22.14 Windows Release Notes

Silicon Sculptor Windows (SculptW) v5.22.14 is a new general release of the Silicon Sculptor software, supporting Silicon Sculptor 3 programmers.

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New Device Support

- M2GL005/S – TQ144 JTAG support
- M2S060/T/TS – VF400 JTAG / SPI-Slave support
- M2GL060/T/S/TS – VF400 JTAG / SPI support
- M2GL150/T/TS – FC1152 JTAG / SPI support

Software Enhancements

- A42SXA and RTSXSu family of devices: Display checksum value when executing Actel_Checksum command.

Bug Fixes

- None

New Socket Module Support

- None

This release features everything in prior general and special releases, as well as new content. For a complete list of device support in SculptW v5.22.14, 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 v5.22.14 is equivalent in functionality to BPWin v6.1.0 Beta of March 31 or later. The first regularly scheduled BPWin release to support all of the features (device support, enhancements, and bug fixes) of this Silicon Sculptor v5.22.14 release is/will be BPWin v6.1.

Supported Platforms

- Windows 7 Professional

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

Windows XP and Windows Vista operating systems are no longer supported with this version of the software.

Notes:

- The SculptW software may operate on Windows XP, Windows Vista or other Windows 7 editions. However, Microsemi only guarantees operation on Windows 7 Professional 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

- **A42SXA and RTSXSu family of devices: Display checksum value when executing Actel_Checksum command.**

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 v5.22.14 (Windows)* (26 MB)

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