

FlashPro v11.1 Release Notes

FlashPro software is packaged with Libero® Windows software and installed by default. If you install Libero software you do not need to install FlashPro standalone.

FlashPro is available as a standalone installation for programming-only installations.

All SmartFusion2 designs created using Libero SoC v11.0 must be updated using Libero SoC v11.1 before programming production silicon.

[What's New in this Release](#)

[IGLOO2 Device Support](#)

[SmartFusion2](#)

- Device Support
- Updating your SmartFusion2 Design

[Known Limitations, Issues and Workarounds](#)

[Minimum Operating System Requirements](#)

[Download FlashPro v11.1](#)

What's New in this Release

IGLOO2 Device Support

Die	Package	Speed Grade	Temp Ranges	Included with Free Gold License	Programming
M2GL050 & M2GL050T	400 VF, 484 FBGA, 896 FBGA	STD	COM, Custom	Yes	Enabled
		-1	COM, IND, Custom		
M2GL050TS & M2GL050S		-1	IND, Custom	No	

SmartFusion2

Device Support

Die	Package	Speed Grade	Temp Ranges	Included with Free Gold License	Programming	Part Marking
M2S050 & M2S050T	400 VF	STD	COM, Custom	Yes	Enabled	M2S050 PP or M2S050
		-1	COM, IND, Custom			
M2S050TS & M2S050S		-1	IND, Custom	No		
M2S010 & M2S010T		STD	COM, Custom	Yes	Enabled	M2S010
		-1	COM, IND, Custom			
M2S010TS & M2S010S		-1	IND, Custom	No		

Updating your SmartFusion2 Design

All SmartFusion2 designs created using Libero SoC v11.0 must be updated using Libero SoC v11.1 before programming production silicon.

Known Limitations, Issues and Workarounds

Programming

SAR 42451: Programming Tcl commands in the Libero flow do not work in batch mode

The following Tcl commands do not work in batch mode:

```
configure_tool -name {IO_PROGRAMMING_STATE} -- Device I/O States During Programming
configure_tool -name {PROGRAM_OPTIONS} -- Programming Features
configure_tool -name {PROGRAMDEVICE} -- Configure Action/Procedures
configure_tool -name {EXPORTPROGRAMMINGFILE} -- Export Programming File Options
run_tool -name {EXPORTPROGRAMMINGFILE} -- Export Programming File
```

Workaround: Use Libero GUI: Project/Execute Script

SmartFusion2 and IGLOO2 programming file generation on Linux will be available in a future release. Use Libero for Windows.

SVF for SmartFusion2 and IGLOO2 will be available in a future release.

SAR 48448 - Zeroization will be available in a future release.

SAR 45867 - STAPL player for SmartFusion2 or IGLOO2 STAPL will be available in a future release.

SAR 41069 - Add PDB loading from DDF for Libero environment

When performing chain programming within Libero with a PDB file, then you may get an Exit 6 IDCODE failure.

Workaround: Use a STAPL file or use the standalone FlashPro tool for chain programming

SAR 43530 - SmartFusion2 M2S050T_ES must be enabled after other devices in a chain.

When you have a chain with the M2S050T_ES enabled before other devices, you cannot enable programming for the non-SmartFusion2 devices.

Workaround:

1. Disable the M2S050T_ES device for programming.
2. Enable each non-SmartFusion2 device for programming.
3. Enable the M2S050T_ES device for programming and proceed.

System Requirements

Refer to [System Requirements](#) for more information

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