Product Name	XMC™ Flasher
Release Version	Refer section 1
Type Of Release*	Productive
Name of the Supplier	Infineon Technologies AG
Mode of Release	Infineon Server
Date of Release	5-Mar-18
Previous Version	None

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* All types of releases named as Alpha, Beta, Release Candidate and Patch are not intended to be used for production code.

1 Released Items

XMCFlasher.jar version 1.1.1

2 Support Packages

None

3 Tool Information

ANTLR4 Runtime	http://www.antlr.org/
BRIDJ Runtime	https://github.com/nativelibs4java/BridJ
APACHE Commons-CLI	https://commons.apache.org/proper/commons-cli/
Groovy	http://www.groovy-lang.org/
Proxy_vole	https://github.com/brsanthu/proxy-vole

4 Changes from Previous Version

4.1 Changes from previous version 1.1.0

- If the DAP DLL loading fails, an error message is shown and the tool switches to Segger DLL.
- The error reporting is more verbose in case of DLL loading error.
- Added option --gui to command line. This switch will invoke the GUI of XMCFlasher and all error messages will be output in the console. This is mainly intended for debugging purpose.

4.2 Changes from previous version 1.0.7

- Added button to dump the complete content of the flash.
- In the GUI, debugger connection type and clock speed and image file size are shown.
- The device checksum is no longer updated when image file is changed or other operation like erase and program are performed. User shall press verify button to update device checksum. Verify operation take a long time when the image is very large. For large file is recommended to increase the debugger connection clock speed.

4.3 Changes from previous version 1.0.6

- Added field to show which kind of debugger has been selected.
- Default debugger type changed to SEGGER.
- Added checksum of image file and flash content. Checksum is computed over data and addresses: same data at different address generate different checksum. Flash checksum is computed only for the addressed defined by the image file. This allows consistent check in case image file doesn't contain the full application data/code.

4.4 Changes from previous version 1.0.4

- Fixed bug: not able to load segger DLL in 64bit OS after installing JLINK 6.16. In more recent Segger JLink installation the JLink_x64.dll is no longer placed in the nested folder "bin_x64" but in the top level folder. Now XMCFlasher is searching recursively in the installation folder tree.

4.5 Changes from previous version 1.0.2

- Fixed a bug in emulator selection when multiple board are connected to the host PC.

4.6 Changes from previous version 1.0.0

- Changed location of latest available version information.

4.7 Changes from previous version 1.0.0

- Added support for DAP XMCLink and ARM ULINK2

4.8 Changes from previous version 0.0.21

- Fixed bug in version checking of JLinkARM.dll. (version 6.00 was not properly accepted)
- Added two new command line options. –addchecksum and –magicnumber (to support application note: AP32339 Managing firmware integrity in XMC™)

4.9 Changes from previous version 0.0.19

- Added setup option: reset and verify after programming.
- Before every flash programming device is reset.
- Fixed device description for XMC4100-128

4.10 Changes from previous version 0.0.15

- Added command line option –debugTool. This enable the printing of all log messages in the stderr pipe
- Now it is possible to specify the location of segger dll by java properties "`xmcFlasher.JLink.dllPath`".
  Example: java –DxmcFlasher.JLink.dllPath= c:\Segger\JLink.dll.
  This can be useful when XMCFlasher is not able to find the location of Segger installation in the windows registry file. (Segger not properly defined)

4.11 Changes from previous version 0.0.13

- Added XMC4108-064 product in the list.
- Updated Segger Jlink DLL version check. It raise an error if JLinDLL ver < 5.12

4.12 Changes from previous version 0.0.11

- Fixed bug: XMCFlasher doesn't show any error message when executed by double clicking on the jar file and the Segger DLL version is too old.

4.13 Changes from previous version 0.0.9

- Fixed exception NullPointerException when invoking XMCFlasher from command line

4.14 Changes from previous version 0.0.7

- Added minimum version check of Segger DLL.
- Added support for XMC1400 and XMC4800 series
- Added read of unique chip id on connection

4.15 Changes from previous version 0.0.5

- Added command line option –setBMI.

5 Installation Requirements

SEGGER JLINK™	JLINK 5.12 or higher https://www.segger.com/jlink-software.html
JAVA™	JRE8 v1.8.0_72 or higher http://www.oracle.com/technetwork/java/javase/downloads/index.html
Windows 7	Windows 7 or higher

6 List of Issues and Limitations

Module	Description