Please note that Cypress is an Infineon Technologies Company.
The document following this cover page is marked as “Cypress” document as this is the company that originally developed the product. Please note that Infineon will continue to offer the product to new and existing customers as part of the Infineon product portfolio.

Continuity of document content
The fact that Infineon offers the following product as part of the Infineon product portfolio does not lead to any changes to this document. Future revisions will occur when appropriate, and any changes will be set out on the document history page.

Continuity of ordering part numbers
Infineon continues to support existing part numbers. Please continue to use the ordering part numbers listed in the datasheet for ordering.

Cypress Auto Flash Utility Release Notes

Alpha Version 1.1

Thank you for your interest in Cypress Auto Flash Utility. This document lists the installation requirements, software and hardware updates, limitations, and known issues with the tool.

Product Description

Cypress Auto Flash Utility is a stand-alone flash programmer tool which supports Cypress Traveo II MCUs and provides programming functionality via MiniProg4 and J-Link probes. This tool is based on OpenOCD open source.

Cypress Auto Flash Utility 1.1 release delivers:

- Support of new CYT3BB, CYT4BB devices
- Support of two latest revisions of existing Traveo II MCU devices. Details are below in Supported Products

Supported Operating Systems

- Windows 10 (x64 / x86)

Supported Products

The following Traveo II MCUs are supported by Cypress Auto Flash Utility 1.1:

Traveo II Series	Revision
CYT2B6	C, D
CYT2B7	
CYT2B9	B, C
CYT4BF	C, D
CYT4DN	
CYT3BB	A
CYT4BB	A

Supported Programming Hardware

- SEGGER J-Link probe
- MiniProg4 probe

Installation

Minimum and Recommended Requirements:

Hardware/Operation System Requirements	Minimum	Recommended
USB	Full Speed	2.0 Hi-Speed
Windows 10	✓	✓
Software Prerequisites	**Minimum**	**Recommended**
Microsoft Internet Explorer	7	
Adobe Reader (for viewing PDF Documentation)	6	9+

Known Problems and Solutions

The following problems are known in this release:

Defect ID	Defect Description	Impact / Workaround
CYP-15	Not able to detect MiniProg4 probe when the OpenOCD process has been killed previously. Killing OpenOCD process leaves MiniProg4 in unpredictable/invalid state.	MiniProg4 must be unplugged from USB port and plugged back in to restore normal operation.
CYP-157	Unable to access Traveo II device via JTAG if Debug Access Port has been switched to SWD mode previously.	Hardware Reset or power cycle is required in order to switch the Debug Access Port back to JTAG mode.

Known Limitations:

Limitation ID	Description
AUTOCYP-115	MiniProg4 probe do not work with Traveo II devices via JTAG due to limitations of MiniProg4 probe
N/A	Programming of the following devices is not guaranteed in this release of Cypress Auto Flash Utility and customers who wish to work with these devices should use Cypress Auto Flash Utility 1.0: • CYT2B6, CYT2B7 Revision B • CYT2B9 Revision A • CYT4BF Revision A, B

Further Reading Documentation

Documentation is available in the Cypress Auto Flash Utility root directory and under **docs**. The documents include:

- Cypress Auto Flash Utility User Guide

Useful links

Original OpenOCD sources v0.10.0:

https://sourceforge.net/projects/openocd/files/openocd/0.10.0/

OpenOCD v0.10.0 release notes:

http://openocd.org/2017/01/openocd-0-10-0-release-is-out/

OpenOCD v0.10.0 user guide:

http://openocd.org/doc-release/pdf/openocd.pdf

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