CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit release notes

About this document

Scope and purpose

Thank you for your interest in the CY8CPROTO-064S1-SB PSoC™ 64 “Secure Boot” prototyping kit. This document lists kit contents, installation requirements, kit documentation, limitations and known issues.

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1 Release contents

1.1 Kit contents

The CY8CPROTO-064S1-SB PSoC 64 “Secure Boot” prototyping kit box includes the following:

- 3x PSoC 64 “Secure Boot” prototyping board
- USB Type-A to Micro-B cable
- Quick start guide (printed on the kit package)

2 Tool information

2.1 Software and tools

This kit's code examples require ModusToolbox™ software 2.3.1 or later. On Windows, the ModusToolbox installer contains all the required software to build and program the applications into the kit. On Linux and macOS, along with ModusToolbox software, **Python 3.7** or above and **"CySecureTools"** need to be installed.

KitProg3 firmware v2.10 or later is required to program the **PSoC 64 "Secure Boot" MCU** on the kit. The ModusToolbox installer automatically installs KitProg3 drivers. This is available on the **ModusToolbox software webpage**.

2.2 Code examples and kit collateral

The CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit **webpage** includes the documents and hardware files of the kit. The code examples are available on the Cypress' **GitHub repository**.

2.3 Installation

All required software installation instructions are provided in the CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit guide, which is available on the kit **webpage**.

2.4 Kit revision

This is the revision (Rev. *B) of the CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit.

2.5 Limitations and known issues

The following are the limitations and known issues in this revision of the CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit. These issues will be resolved in future revisions of this kit.

- **Issue:** In the revision Rev. *A (or below), the kit name and the part number printed on the silkscreen are not latest and hence not matching the documents.
  Workaround: Not available.
- **Issue:** In the revision Rev. *A of the kit, the serial flash part printed on the silkscreen and the quick start guide is S25FL128S. But the actual serial flash part loaded on the kit is S25HL512T.
  Workaround: Not available.
- **Issue:** The Rev. *A (or earlier) revision of the kit contains the engineering sample (ES) parts of the PSoC 64 "Secure Boot" MCU. The production parts will be available in the next revision of the kit.
  Workaround: Not available.

2.6 Documentation

The kit documents are available on the CY8CPROTO-064S1-SB PSoC 64 "Secure Boot" prototyping kit **webpage**.

Documents include:

- CY8CPROTO-064S1-SB Kit Guide
- CY8CPROTO-064S1-SB Quick Start Guide
- CY8CPROTO-064S1-SB Release Notes

2.7 Technical support

For assistance, go to **www.cypress.com/support**. Visit **community.cypress.com** to ask your questions in Cypress Developer Community.

2.8 Additional information

- For more information about the PSoC 6 MCU, associated documentation and software, visit **www.cypress.com/psoc6**
- For more information about ModusToolbox software functionality and releases, visit the ModusToolbox software webpage: **www.cypress.com/modustoolbox**
- For a list of trainings on ModusToolbox software, visit **www.cypress.com/training**

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