CY8CKIT-062S2-AI PSOC™ 6 AI Evaluation Kit release notes

About this document

Scope and purpose

Thank you for your interest in the CY8CKIT-062S2-AI PSOC™ 6 AI Evaluation Kit. This document lists the kit contents, installation requirements, kit documentation, and limitations.

Table of contents

About this document . . . 1

Table of contents . . . 2

1 Release contents . . . 3

1.1 Kit contents . . . 3

2 Tool information . . . 4

2.1 Software and tools . . . 4

2.2 Code examples and kit collaterals . . . 4

2.3 Installation . . . 4

2.4 Kit revision . . . 4

2.5 Known issues and limitations . . . 4

2.6 Documentation . . . 4

2.7 Technical support . . . 4

2.8 Additional information . . . 4

Disclaimer . . . 6

1 Release contents

1.1 Kit contents

The CY8CKIT-062S2-AI PSOC™ 6 AI Evaluation Kit includes the following:

- PSOC™ 6 AI Evaluation Board
- Inlay card (with a printed QR code that points to the getting started webpage)

2 Tool information

2.1 Software and tools

Code examples for this kit require ModusToolbox™ software version 3.1 or later, which is available on the ModusToolbox™ software webpage. Refer to the kit guide for details.

Creating machine-learning models with this kit requires DEEPCRAFT™ Studio software version 5.3 or later, which is available on the DEEPCRAFT™ Studio webpage. Refer to the kit guide for details.

KitProg3 firmware v2.70 or later is required to program the PSOC™ 62 device on the kit. The ModusToolbox™ installer automatically installs KitProg3 drivers.

2.2 Code examples and kit collaterals

The kit webpage includes the documents and hardware files. The code examples are available in the Infineon GitHub repository.

2.3 Installation

All required software installation instructions are provided in the kit guide, which is available on the kit webpage.

2.4 Kit revision

This is the Rev *B of the kit. The kit is shipped with the latest KitProg3 version 2.70, and the out-of-box code example is updated to use Streaming protocol v2. See the Getting started guide for more details.

2.5 Known issues and limitations

Engineering samples have a silk marking issue when swapping UART TX and RX, which may cause confusion and misconnection.

Workaround: Refer to the board schematic and connect the pins as follows:

- External UART TX to the device's RX
- External UART RX to the device's TX

Resolution: The issue is fixed in the production version.

2.6 Documentation

The following kit documents are available on the kit webpage.

- CY8CKIT-062S2-AI PSOC™ 6 AI Evaluation Kit guide
- CY8CKIT-062S2-AI PSOC™ 6 AI Evaluation Kit release notes

2.7 Technical support

For assistance, visit Infineon Support. You can also post your questions in the Infineon Developer Community.

2.8 Additional information

- For more information about the PSOC™ 62 MCU and its associated documentation and software, visit the PSOC™ 62 series webpage

2 Tool information

- For more information about the ModusToolbox™ software functionality and releases, visit the ModusToolbox™ software webpage
- For a list of trainings on ModusToolbox™ software, visit the ModusToolbox™ Software Training webpage
- For more information about the DEEPCRAFT™ Studio software functionality and releases, visit the DEEPCRAFT™ Studio webpage

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Edition 2025-03-03

Published by

Infineon Technologies AG

81726 Munich, Germany

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Document reference
IFX-cen1708401821914

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