Manuals+ — User Manuals Simplified.
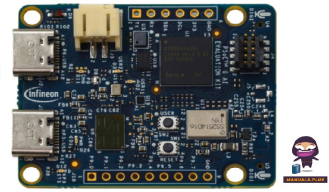

CY8CKIT-062S2-AI
PSoC 6 AI
Evaluation Kit

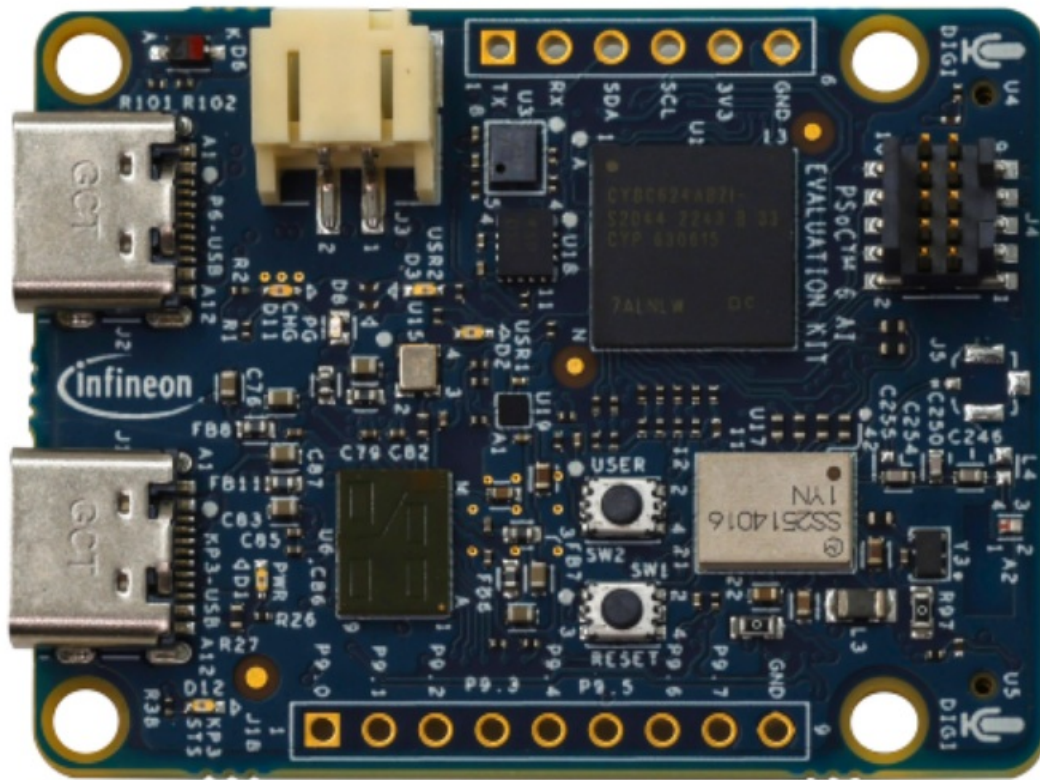# Infineon CY8CKIT-062S2-AI PSoC 6 AI Evaluation Kit Instructions

Contents

Infineon CY8CKIT-062S2-AI PSoC 6 AI Evaluation Kit

About this document

Scope and purpose

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

Release contents

Kit contents

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

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

Tool Information

Software and tools

- Code examples for this kit require ModusToolbox™ software version 3.1 or later. This is available on the **ModusToolbox™ software webpage**. Refer to the kit guide for details.
- Creating Machine Learning Models with this kit requires Imagimob Studio software version 4.4 or later. This is available on the **Imagimob Studio webpage**. Refer to the kit guide for details.
- KitProg3 firmware v2.50 or later is required to program the **PSoC™ 62** device on the kit. The ModusToolbox™ installer automatically installs KitProg3 drivers.

Code examples and kit collateral

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

Installation

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

Kit revision

- This is the initial revision (Rev. **).

Known issues and limitations

Engineering samples have a silk marking issue when swapping UART TX and RX. This 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.

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

Technical support

- For assistance, go to **Infineon support**. Visit the **Infineon community** to ask your questions in the Infineon developer community.

Additional information

- For more information about the PSoC™ 62 MCU and its associated documentation and software, visit the **PSoC™ 62 series webpage**
- 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 Imagimob Studio software functionality and releases, visit the **Imagimob**

[**Studio webpage**](#)

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FAQ

- **Q:** What should I do if I encounter issues during installation?
    - **A:** If you encounter any issues during installation, refer to the technical support section in the documentation or contact customer support for assistance.
- **Q:** Can I use this kit for projects beyond evaluation purposes?
    - **A:** Yes, you can leverage the kit for developing AI applications and projects beyond evaluation purposes.

More Information

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- 81726 Munich, Germany

Do you have a question about any aspect of this document?

- **Email:** [**erratum@infineon.com**](mailto:erratum@infineon.com)

Document reference

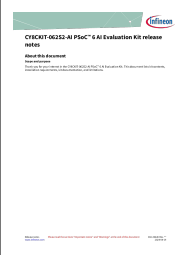- IFX-cen1708401821914

Important notice

Warnings

Due to technical requirements products may contain dangerous substances. For information on the types in question please contact your nearest Infineon Technologies office.

Except as otherwise explicitly approved by Infineon Technologies in a written document signed by authorized representatives of Infineon Technologies, Infineon Technologies' products may not be used in any applications where a failure of the product or any consequences of the use thereof can reasonably be expected to result in personal injury.

Please read the sections "Important notice" and "Warnings" at the end of this document

www.infineon.com

Documents / Resources

Infineon CY8CKIT-062S2-AI PSoC 6 AI Evaluation Kit [pdf] Instructions
CY8CKIT-062S2-AI PSoC 6 AI Evaluation Kit, CY8CKIT-062S2-AI, PSoC 6 AI Evaluation Kit, AI Evaluation Kit, Evaluation Kit, Kit

References

- **Infineon Developer Community & Support Forum**
- **GitHub - Infineon/Code-Examples-for-ModusToolbox-Software: This ReadMe links to all available code examples for ModusToolbox software.**
- **GitHub - Infineon/training-modustoolbox**
- **Development Platform for Machine Learning - Edge devices - Imagimob Studio**
- **Semiconductor & System Solutions - Infineon Technologies**
- **CY8CKIT-062S2-AI - Infineon Technologies**
- **Support: Live Chat Online, Tech Support & FAQ - Infineon Technologies**
- **User Manual**