

KIT_PSE84_AI PSOC™ Edge E84 AI Kit release notes

About this document

Scope and purpose

Thank you for your interest in the KIT_PSE84_AI PSOC™ Edge E84 AI Kit. This document lists the kit contents, installation requirements, kit documentation, and limitations

Intended audience

This document is intended for all AI/ML and embedded developers using the KIT_PSE84_AI PSOC™ Edge E84 AI Kit.



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1 Release content

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1.1 Kit contents

The KIT_PSE84_AI PSOC™ Edge E84 AI Kit includes the following:

- PSOC™ Edge E84 AI Board
- OV7675 DVP camera module

2 Tool information

2 Tool information

2.1 Software and tools

Code examples for this kit require ModusToolbox™ software version 3.5 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 DEEPCRAFT™ Studio software version 5.3 or later. This is available on the [Imagimob Studio webpage](#). Refer to the kit guide for details.

KitProg3 firmware v2.80 or later is required to program the PSOC™ Edge E84 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 on 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 initial revision (Rev. **).

2.5 Known Issues and Limitations

- **Camera Module Pin Marking Mismatch:** The pin number marking on the OV7675 DVP camera module (Pin 1) does not match the pin marking of the J14 header (Pin 1) on the evaluation board. Please refer to the [Quick Start Guide](#) or [Kit Guide](#) to ensure correct orientation during connection. This silk marking issue will be corrected in the next board revision

2.6 Documentation

The following kit documents are available on the kit [webpage](#).

- KIT_PSE84_AI PSOC™ Edge E84 AI Kit guide
- KIT_PSE84_AI PSOC™ Edge E84 AI Kit release notes
- KIT_PSE84_AI PSOC™ Edge E84 AI Kit quick start guide

2.7 Technical support

For assistance, go to [Infineon support](#). Visit the [Infineon community](#) to ask your questions in the Infineon developer community.

2.8 Additional information

- For more information about the PSOC™ Edge E84 MCU and its associated documentation and software, visit the [PSOC™ Edge E84 series webpage](#)
- For more information about the ModusToolbox™ software functionality and releases, visit the [ModusToolbox™ software webpage](#)

2 Tool information

- 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 [Imagimob Studio webpage](#)

Trademarks

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