PSOC™ Edge E84 HMI (KIT_PSE84_HMI) Kit release notes

About this document

Scope and purpose

Thank you for your interest in the PSOC™ Edge E84 HMI (KIT_PSE84_HMI) Kit. This document lists kit contents, installation requirements, kit documentation, limitations and known issues.

Intended audience

This document is intended for the KIT_PSE84_HMI Kit users.

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1 Release contents

1.1 Kit contents

The PSOC™ Edge E84 HMI Kit box includes the following:

- KIT_PSE84_HMI Kit
- USB Type-C-to-Type-C cable

2 Tool information

2.1 Software and tools

The code examples of the KIT_PSE84_HMI kit require ModusToolbox™ software v3.7 or later. This software is available on the ModusToolbox™ software webpage. For additional information, refer to the kit guide.

To program the PSOC™ Edge E84 MCU on the kit, KitProg3 firmware v2.80 or later is required. The ModusToolbox™ installer automatically installs required KitProg3 drivers.

2.2 Code example and kit collateral

The KIT_PSE84_HMI 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 rev. ** engineering sample (ES) version of the PSOC™ Edge E84 HMI Kit.

2.5 Limitations and known issues

The following limitations and known issues apply to the rev. ** engineering sample (ES) version of the KIT_PSE84_HMI Kit:

1. **Issue**: The KitProg3 reads the target MCU power as enabled even when the MCU power is disconnected (for example, by removing J20 on the baseboard).

   Fix: No fix is available.
2. **Issue**: Under certain environmental conditions (specifically high humidity), the external crystal oscillator (ECO) and real-time clock (RTC) may fail to generate the desired clock signal, which may result in boot failures. Under normal environmental conditions (humidity less than 80%), the device is expected to operate correctly.

   Fix: This issue will be resolved in the production version of the KIT_PSE84_HMI Kit.

2.6 Documentation

The following kit documents are available on the kit webpage.

- PSOC™ Edge E84 HMI (KIT_PSE84_HMI) Kit user guide
- PSOC™ Edge E84 HMI (KIT_PSE84_HMI) Kit quick start guide
- PSOC™ Edge E84 HMI (KIT_PSE84_HMI) Kit release notes

2.7 Technical support

For assistance, visit the Infineon support page. If you have any questions, post them in the Infineon developer community.

2.8 Additional information

- For more information about the PSOC™ Edge E84 MCU, associated documentation and software, visit the PSOC™ Edge E84 series webpage
- For details on ModusToolbox™ software features and release information, visit the ModusToolbox™ software webpage
- For a list of available ModusToolbox™ software trainings, visit the ModusToolbox™ Software Training webpage

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