CY8CKIT-028-SENSE IoT sense expansion kit release notes

About this document

Scope and purpose

Thank you for your interest in the CY8CKIT-028-SENSE IoT sense expansion 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 CY8CKIT-028-SENSE IoT sense expansion kit box includes the following:

- IoT sense expansion board
- Quick start guide

2 Tool information

2.1 Software and tools

This kit's code examples require ModusToolbox™ 2.3.1 or later. This is available on **ModusToolbox ML webpage**. See the kit guide for details.

2.2 Code examples and kit collateral

The kit **webpage** includes the documents and hardware files. The code examples are available on the Cypress **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 Limitations and known issues

The following is the limitation and known issue in this revision. The issue will be resolved in future revisions of this kit.

Issue: The KitProg3 UART's RTS and CTS pins of the baseboard are multiplexed with the I2S interface on the shield. This will cause noise in the output of the audio codec.
Workaround: Remove the resistors R18 and R19 on the baseboard (CY8CKIT-062S2-43012 and CY8CKIT-064B0S2-4343W) to disconnect the UART RTS and CTS signals. See the "Board details" section of the baseboard kit guide for details.

2.6 Documentation

The kit documents are available on the kit **webpage**.

Documents include:

- CY8CKIT-028-SENSE IoT Sense Expansion Kit Guide
- CY8CKIT-028-SENSE IoT Sense Expansion Kit Quick Start Guide
- CY8CKIT-028-SENSE IoT Sense Expansion Kit 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 PSoC 6 MCU, associated documentation, and software, visit **www.cypress.com/psoc6**
- For more information about ModusToolbox functionality and releases, visit the ModusToolbox webpage: **www.cypress.com/modustoolbox**
- For more information about the machine learning solution, visit the ModusToolbox machine learning webpage: **www.cypress.com/products/modustoolbox/machine-learninglbox/machine-learning**
- For a list of trainings on ModusToolbox, visit **www.cypress.com/training**

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