Release Notes

FM4-176L-S6E2GM FM4 S6E2G-Series Pioneer Kit

Release Date: July 29, 2016

Thank you for your interest in the FM4-176L-S6E2GM FM4 S6E2G-Series Pioneer Kit. This document lists kit content, installation requirements, limitations, and known issues with the kit.

Kit Contents

The FM4 S6E2G-Series Pioneer Kit includes the following:

- FM4 S6E2G-Series Pioneer board
- USB Standard-A to Micro-B cable
- Quick Start Guide

Installation

Download the FM4 S6E2G-Series Pioneer Kit installer *FM4S6E2GMKitSetup.exe* from the kit webpage www.cypress.com/FM4-176L-S6E2GM. Launch the EXE file and follow the steps in the installer window to install the software required.

Kit Revision

This is the second revision (Rev. *A) of the FM4 S6E2G-Series Pioneer Kit. The following example projects are included in this revision:

- Ethernet (*s6e2gm_ethernet*)
- USB host (*s6e2gm_usb_host*)
- USB device (*s6e2gm_usb_device*)
- NOR Flash (*s6e2gm_nor_flash*)
- SRAM (*s6e2gm_sram*)
- Accelerometer (*s6e2gm_accelerometer*)
- Audio speaker (*s6e2gm_I2S_hp*)
- Audio Mic (*s6e2gm_I2S_mic*)
- Audio Line-in (*s6e2gm_I2S_line*)

Required IDE Tools

The example projects shipped with this kit require IAR Embedded Workbench v7.40.5. 9739 (or later) or Keil uVision IDE v5.16a (or later).

Limitations and Known Issues

When users un-install and install the USBVCOM driver repeatedly, the driver enumeration may fail prompting that “The specified service has been marked for deletion”. Reboot the PC to recover from this issue, and run the installer again.

Documentation

The kit documents are also located in the Documentation folder in the installation directory. The default location for the kit documents is:

```
<Install_Directory>:\FM4 S6E2G-Series Pioneer Kit\<version>\Documentation
```

Documents include:

- *FM4-176L-S6E2GM _Kit_Guide.pdf*
- *FM4-176L-S6E2GM _Quick_Start_Guide.pdf*
- *FM4-176L-S6E2GM _Release_Notes.pdf*

Technical Support

For assistance, go to www.cypress.com/support or contact our customer support at +1 (800) 541-4736 Ext. 2 (in the USA), or +1 (408) 943-2600 Ext. 2 (International).

Additional Information

Download the latest version of IDE from www.iar.com or www.keil.com.

Visit FM4 web page: http://www.cypress.com/products/cypress-fm4-family-32-bit-arm-cortex-m4-microcontrollers to know about FM4 functionality and releases.

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