FM4 S6E2G-SERIES PIONEER KIT

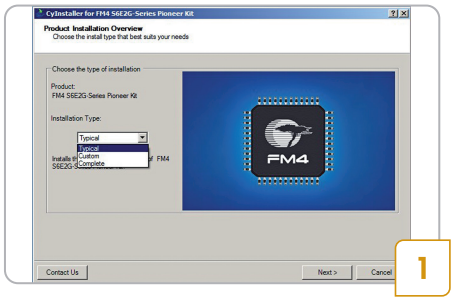
Kit Contents:

1 FM4 S6E2G-Series Pioneer board

2 USB Standard-A to Micro-B cable

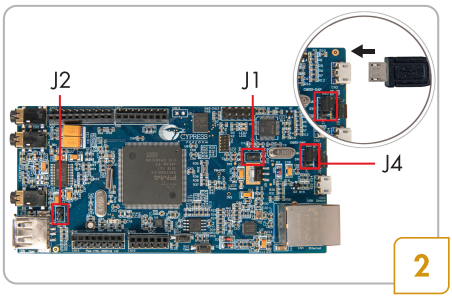
3 Quick Start Guide (this document)

www.cypress.com/FM4-176L-S6E2GM



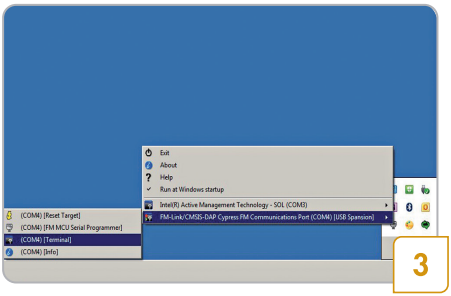
1

- Download and install the FM4 S6E2G-Series Pioneer Kit installer *FM4S6E2GMKitSetup.exe* from www.cypress.com/FM4-176L-S6E2GM

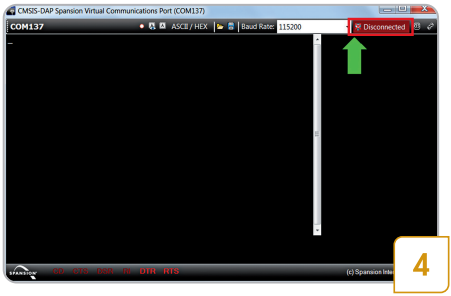


2

- Check jumpers J1 and J2 are open
- Check jumper J4 is loaded on pin1 and pin2
- Connect the board to a PC via CN2 using the USB cable

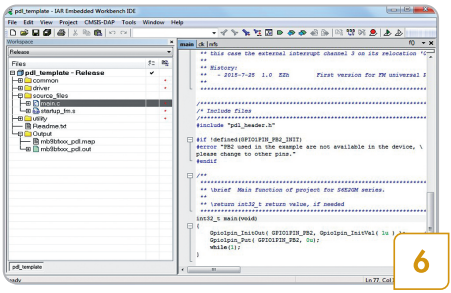


- Launch the **Serial Port Viewer Tool** from Start > All Programs > Cypress > Serial Port Viewer Tool
- Click on the Serial Port Viewer icon in the notification area of the taskbar and select **FM-Link/CMSIS-DAP Cypress FM Communications Port**



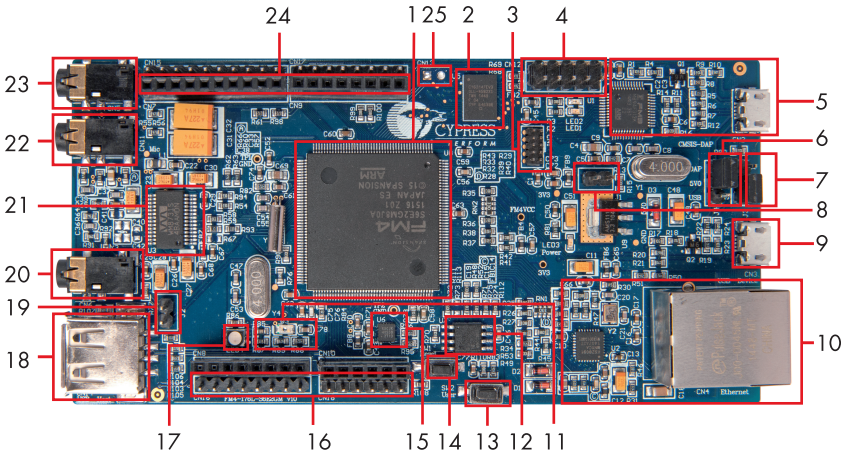
- Configure the baud rate as **115200**
- Click the **Disconnected** button to connect
- Press **Enter** on your PC keyboard to run the board test demo

- Key in **5** and press **Enter** to change the RGB LED (LED4) color from Red to Green to Blue. For more information on the test procedures, refer to the kit user guide



- Use IAR Embedded Workbench or Keil uVision to develop code examples on this kit

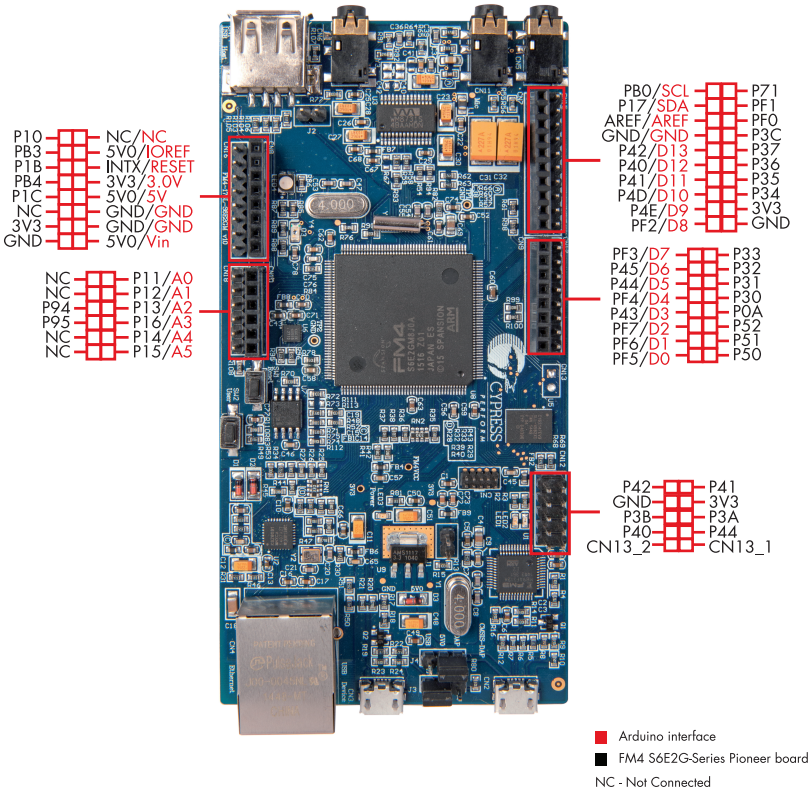
FM4 S6E2G-Series Pioneer Board Details



1. Cypress FM4 S6E2GM8J0A MCU
2. 4-Mb SRAM
3. 10-pin JTAG connector (CN1)
4. Multicon Interface connector (CN12)
5. MB9F312K Programmer and Debugger (CMSIS-DAP) (CN2)
6. Power supply source select (J4)
7. Serial programming mode select (J3)
8. Programming mode jumper of MB9F312K (J1)
9. USB device connector (CN3)
10. Ethernet PHY and RJ45 connector (CN4)
11. Phototransistor
12. 32-Mb Quad-SPI NOR Flash
13. User button (SW2)
14. Reset button (SW1)
15. Accelerometer
16. Additional GPIO headers (CN15-CN18)
17. RGB LED (LED4)
18. USB host connector (CN14)
19. Programming mode jumper of S6E2GM (J2)
20. Line-in jack (CN6)
21. Stereo codec
22. Microphone jack (CN11)
23. Headphone jack (CN5)
24. Arduino™ interface (CN7-CN10)
25. Additional-pins for Multicon Interface connector (CN13)

FM4 S6E2G-SERIES PIONEER KIT

FM4 S6E2G-Series Pioneer Board Details



For the latest information about this kit, visit www.cypress.com/FM4-176L-S6E2GM

001-99193 Rev.*D

CYPRESS EMBEDDED IN TOMORROW™