FM0+ S6E1C-SERIES STARTER KIT



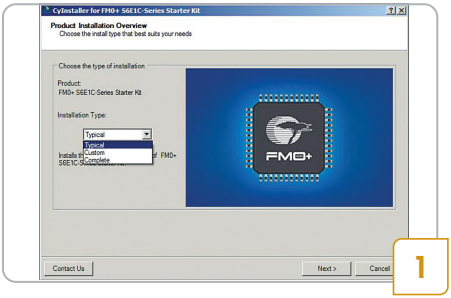
Kit Contents:

1 FM0+ S6E1C-Series Starter board

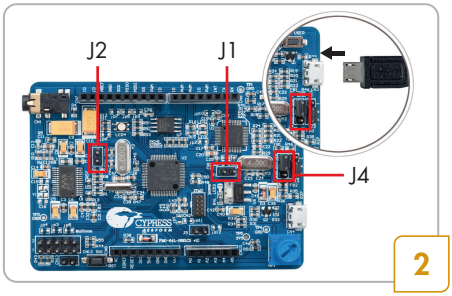
2 USB Standard-A to Micro-B cable

3 Quick Start Guide (this document)

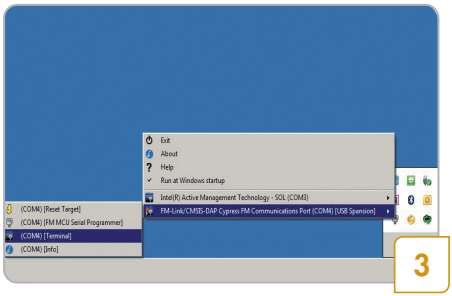
www.cypress.com/FM0-64L-S6E1C3



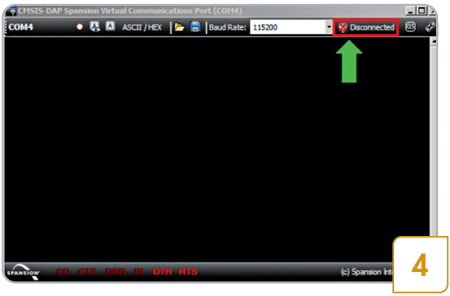
- Download and install the FM0+S6E1C-Series Starter Kit installer *FM0PS6E1C3KitSetup.exe* from www.cypress.com/FM0-64L-S6E1C3



- Check the jumpers J1 and J2 are open
- Check the jumper J4 has been closed on pin 1 and pin 2
- Connect the board with PC via CN3 using the USB cable



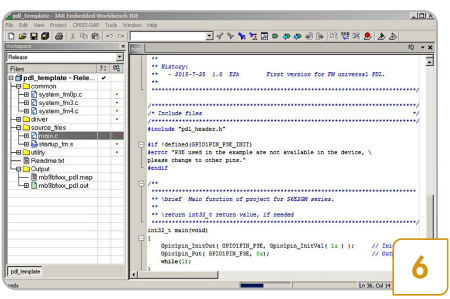
- Launch the Serial Port Viewer tool from the start menu
- Click on the Serial Port Viewer icon in the notification area of the taskbar and select FM-Link/CMSIS-DAP Cypress FM Communications Port



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

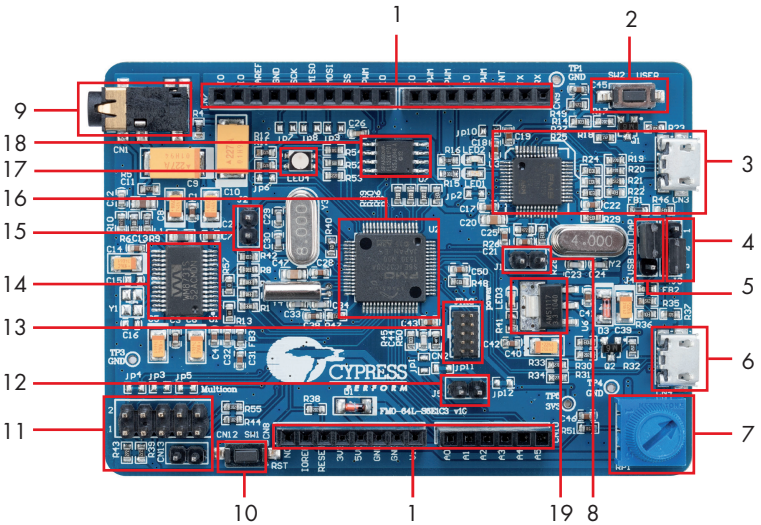


- Key in the option 02 and press Enter to change the RGB LED color from Red to Green to Blue. For more information on the test procedures, refer to the kit user guide



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

FM0+ S6E1C-Series Starter Board Details



1. Arduino interface (CN7-CN10)
2. User button
3. MB9AF312K Programmer and debugger (CMSIS-DAP)
4. Serial programming mode select (J3)
5. Power supply resource select (J4)
6. USB device connector (CN4)
7. Potentiometer
8. Programming mode jumper of MB9AF312K (J1)
9. Headphone and microphone jack (CN1)
10. Reset button
11. Multicon connector (CN12, CN13)
12. Jumper for current measure (J5)
13. 10-pin JTAG connector
14. Stereo codec
15. Programming mode jumper of FM0+ (J2)
16. Cypress FM0+ MCU S6E1C32D0A
17. RGB LED
18. Cypress 4-Mb NOR Flash
19. 3.3V Voltage Regulator

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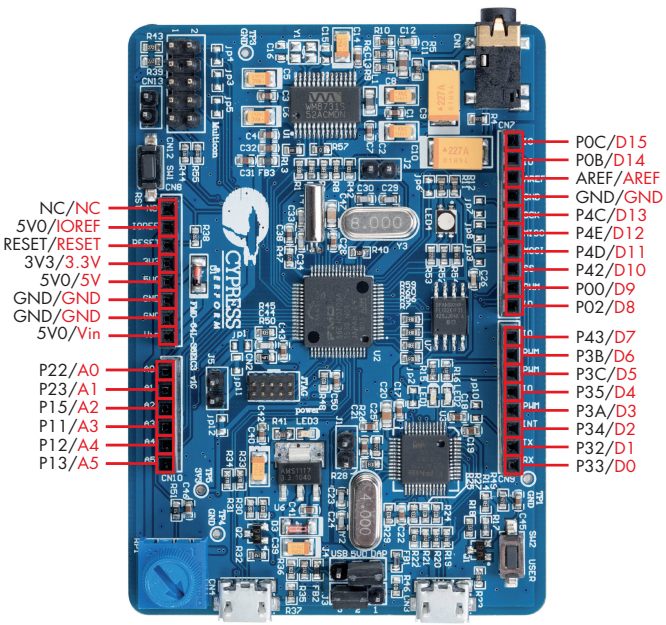

Arduino interface

FM0+ S6E1C-Series Starter Kit

NC- Not connected

For the latest information about this kit, visit www.cypress.com/FM0-64L-S6E1C3

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002-11420 Rev.*A