EZ-BLE MODULE PROGRAMMING KIT
CYBLE-202013-PROG

Bluetooth SMART

The EZ-BLE Module Programming Kit (CYBLE-202013-PROG) enables you to easily program the following EZ-BLE PSoC module prior to manufacturing: CYBLE-202013-11.
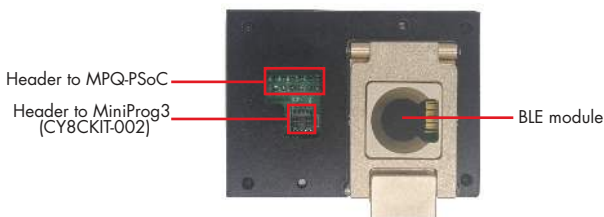
This programming kit is designed to be used with CY8CKIT-042-BLE, CY8CKIT-002 or MPQ-PSoC. The life time of the socket used in this programming kit is 50,000 insertions.
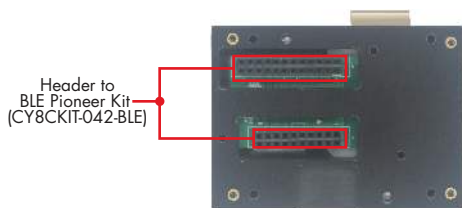
For more information, visit:

www.cypress.com/EZ-BLEModule - EZ-BLE Module home pages

www.cypress.com/EZ-BLEEval - EZ-BLE PRoC Evaluation Board kit page

www.cypress.com/go/AN96841 - Getting started guide

Header to MPQ-PSoC

Header to MiniProg3 (CY8CKIT-002)

BLE module

Figure 1: Programming Kit – Top view
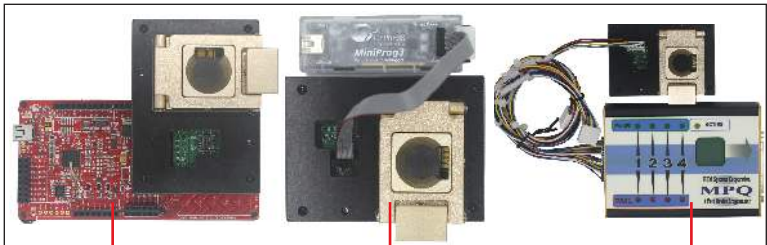

Header to BLE Pioneer Kit (CY8CKIT-042-BLE)

Figure 2: Programming Kit –Bottom View

Note: To use the CYBLE-202013-PROG, it is recommended that one of the following items are purchased separately: MiniProg3 (CY8CKIT-002), BLE Pioneer Kit (CY8CKIT-042-BLE) or MPQ-PSoC (4-port In-system Programmer for Cypress from RPM)

EZ-BLE MODULE PROGRAMMING KIT

1: Connect the kit with one of the following three programming devices:

    a. BLE Pioneer kit (CY8CKIT-042-BLE)

    b. MiniProg3 (CY8CKIT-002)

    c. MPQ-PSoC (4-port In-system Programmer for Cypress from RPM)

a.Pioneer kit (CY8CKIT-042-BLE)   b.MiniProg3 (CY8CKIT-002)   c. MPQ-PSoC

Figure 3: Three Programming Options and Associated Devices

2: Put the BLE module in the socket (ensure that the BLE module is in the correct position of the socket, as shown below)

Figure 4: Module in the socket

3. Connect the programming devices with a USB cable to a computer that has been installed with PSoC Programmer (www.cypress.com/PSoCProgrammer), PSoC Creator (www.cypress.com/PSoCCreator) or MPManager (www.rpmsys.com/MPManager.zip)

4. Run the programming software to program the targeted BLE modules with your selected firmware.

Visit www.cypress.com/support for technical support.

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