

# CY8CKIT-043 PSoC® 4 M-SERIES PROTOTYPING KIT QUICK START GUIDE

## KitProg

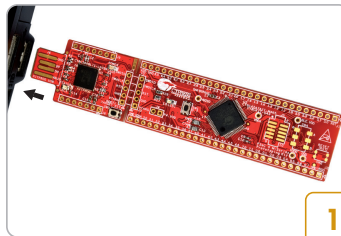
Programmer and Debugger

P0_1	P12_7/UART TX
P0_0	P12_6/UART RX
P3_6	P12_1/I <sup>2</sup> C SDA
P3_5	P12_0/I <sup>2</sup> C SCL
P3_4	P12_5
P3_0	GND
GND	VBUS

## PSoC® 4 M-Series

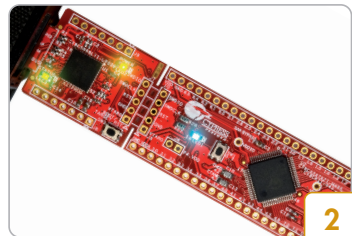
GND	VDDIO
VDDA	GND
EZ-BLE TX ->/P3_0	P6_5
EZ-BLE RX <-/P3_1	P6_4
P3_2	P6_2
P3_3	P6_1
P3_4	P6_0
P3_5	P2_7
P3_6	P2_6
P3_7	P2_5
I2C SCL/P4_0	P2_4
I2C SDA/P4_1	P2_3
*CMOD/P4_2	P2_2
*CTANK/P4_3	P2_1
P4_4	P2_0
P4_5	P1_7/SAR BYPASS*
P4_6	P1_6/LED1
KitProg TX ->/P7_0	P1_5
KitProg RX <-/P7_1	P1_4
P0_0	P1_3
P0_1	P1_2
P0_2	P1_1
P0_3	P1_0
*WCO IN/P0_4	P5_5
*WCO OUT/P0_5	P5_3
P0_6	P5_2
SW1/P0_7	P5_1
GND	P5_0
VDDD	RESET

Note: \* An external capacitor is connected to this pin.



1

- Connect the board to your computer using the USB connector



2

- Amber LED indicates power on
- Green LED indicates status
- Blue LED glows with breathing effect



3

For more information on the kit, please go to the following web page:

[www.cypress.com/CY8CKIT-043](http://www.cypress.com/CY8CKIT-043)

**Thank you for supporting PSoC!**

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