



CYPRESS CY8CKIT-059 PSOC 5LP Prototyping Kit User Guide

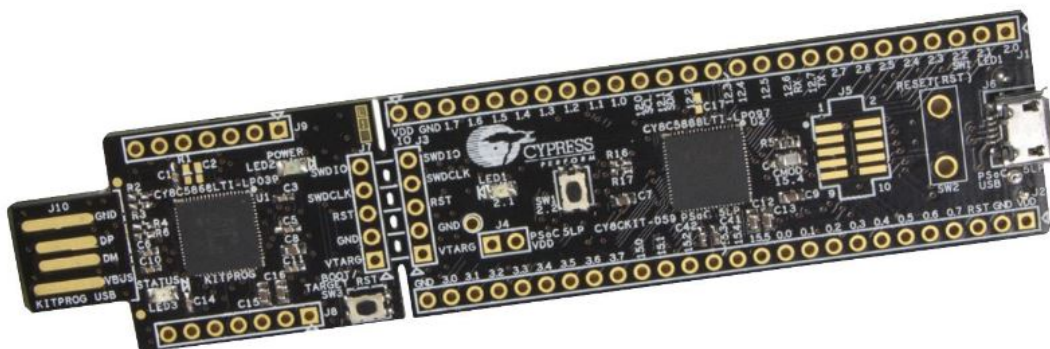
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CYPRESS CY8CKIT-059 PSOC 5LP Prototyping Kit



Product Information

The KitProg is a versatile development tool that provides various input/output options for your projects. It offers multiple pins for connecting to various peripherals and components.

Pin Configuration

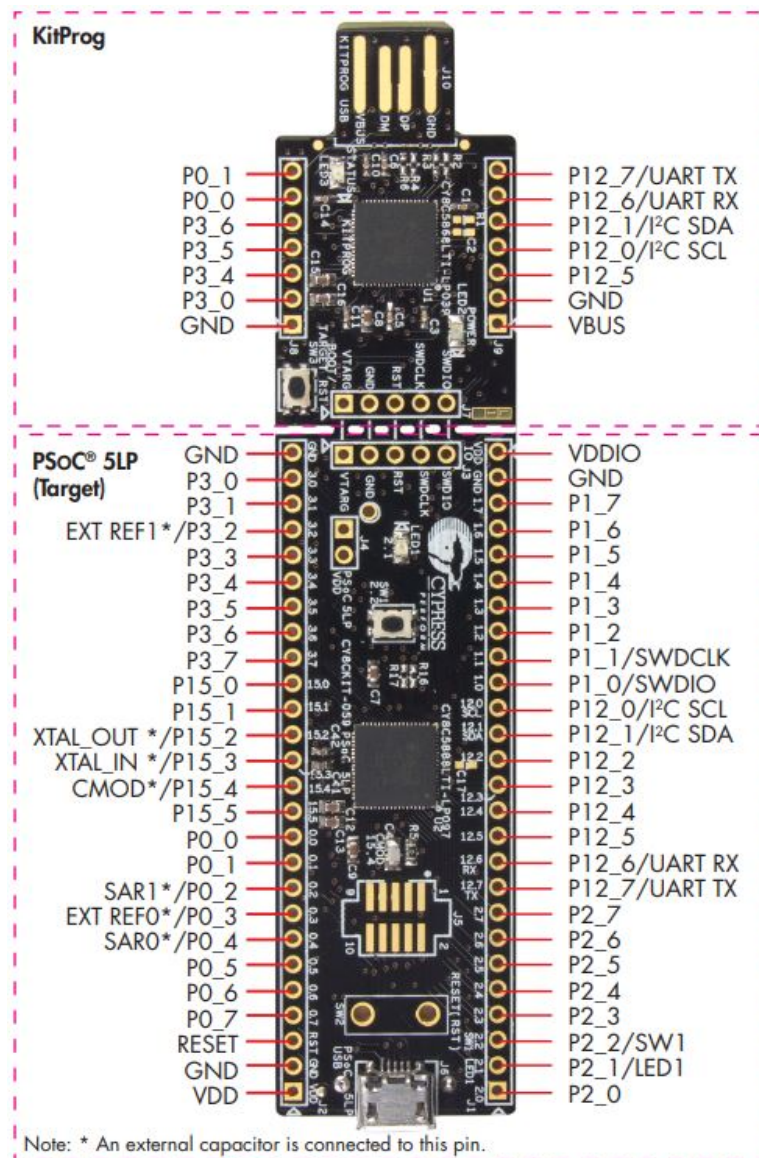
- P0_0

- P0_1
- P3_6
- P3_5
- P3_4
- P3_0
- GND
- P12_7/UART TX
- P12_6/UART RX
- P12_1/I2C SDA
- P12_0/I2C SCL
- P12_5
- GND
- VBUS
- GND
- P3_0
- P3_1
- EXT REF1*/P3_2
- P3_3
- P3_4
- P3_5
- P3_6
- P3_7
- P15_0
- P15_1
- XTAL_OUT*/P15_2
- XTAL_IN*/P15_3
- CMOD*/P15_4
- P15_5
- P0_0
- P0_1
- SAR1*/P0_2
- EXT REF0*/P0_3
- SAR0*/P0_4
- P0_5
- P0_6
- P0_7
- RESET
- GND
- VDD
- VDDIO
- GND
- P1_7
- P1_6

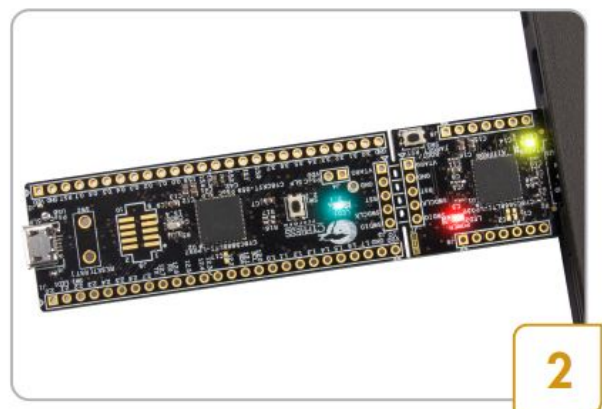
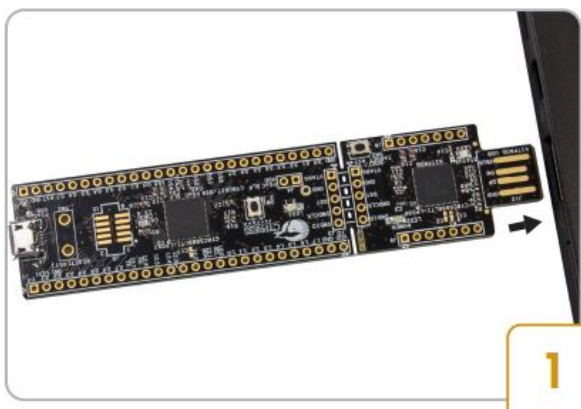
- P1_5
- P1_4
- P1_3
- P1_2
- P1_1/SWDCLK
- P1_0/SWDIO
- P12_0/I2C SCL
- P12_1/I2C SDA
- P12_2
- P12_3
- P12_4
- P12_5
- P12_6/UART RX
- P12_7/UART TX
- P2_7
- P2_6
- P2_5
- P2_4
- P2_3
- P2_2/SW1
- P2_1/LED1
- P2_0

Note: * An external capacitor is connected to this pin. Design the way you think! Downloaded from [Arrow.com](https://www.arrow.com).

KitProg



- Connect the board to your computer using the USB connector
- Amber LED indicates power on



- Green LED indicates the status
- A blue LED on the board blinks



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CY8CKIT-059 PSoC® 5LP Prototyping Kit With Onboard Programmer and Debugger

Last Updated: Jun 10, 2016



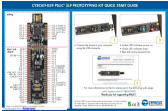
A low-cost platform for prototyping products with the ARM® Cortex®-M3-based PSoC® 5LP, with a unique snap-away Programmer and Debugger on the USB connector.

Now supports KitProg - an Onboard Programmer and Debugger

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For more information on the kit, please go to the following web page: www.cypress.com/CY8CKIT-059
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Documents / Resources

	CYPRESS CY8CKIT-059 PSOC 5LP Prototyping Kit [pdf] User Guide CY8CKIT-059 PSOC 5LP Prototyping Kit, CY8CKIT-059 PSOC 5LP, Prototyping Kit, Kit
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