1

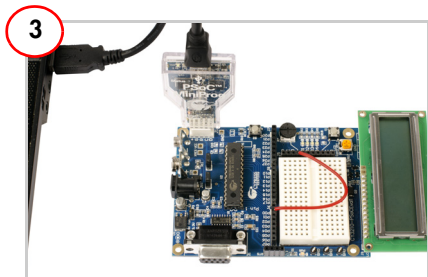Insert the CY3210-PSoCEVAL1 kit DVD into the DVD drive of your PC.

Install the kit contents, PSoC Designer, and PSoC Programmer.

2
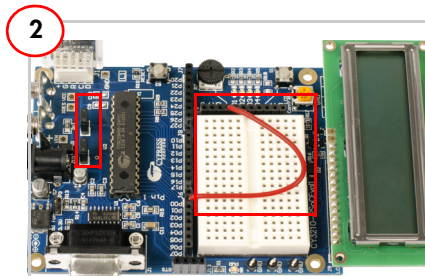
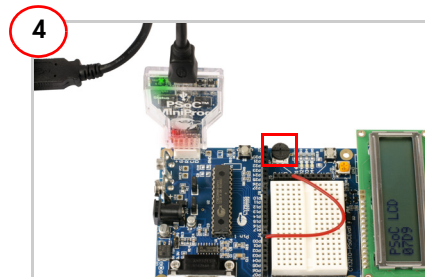Remove the CY3210-PSoCEVAL1 board from its package.

Place the character LCD provided with the kit on J9.

Connect jumper (shunt) at JP1 and JP2. Connect the single strand jumper wire between P01 and VR.

3

Plug in the MiniProg to the ISSP header on the CY3210-PSoCEVAL1 board.
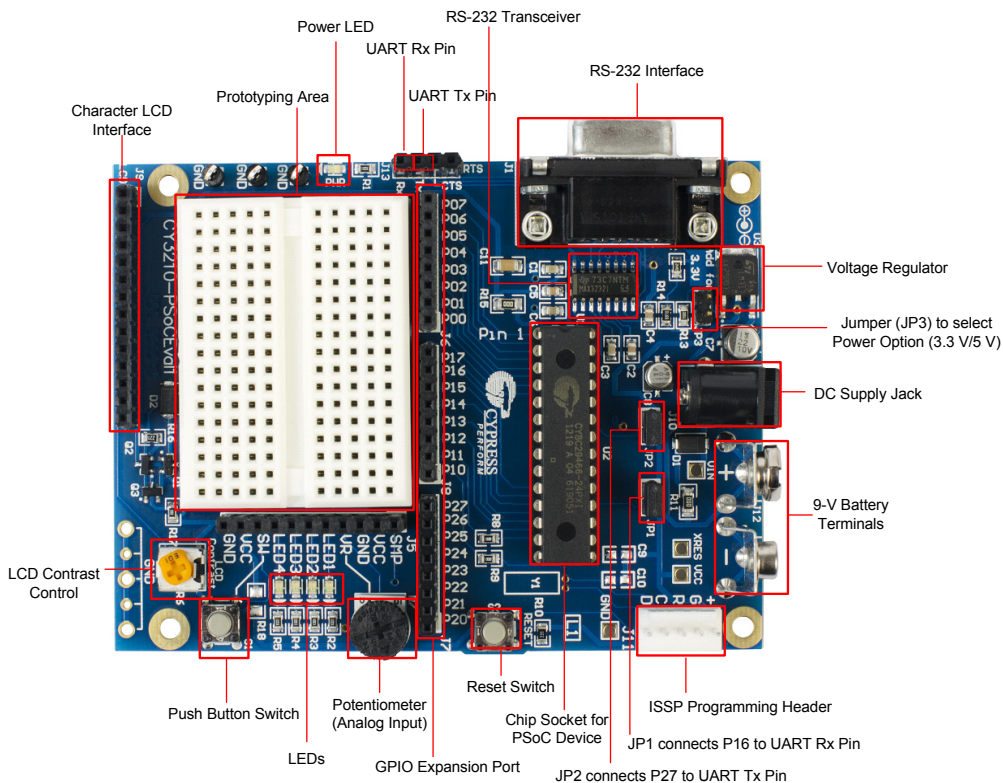
Connect the MiniProg to the PC using the USB cable provided with the kit.

4

Open PSoC Programmer; click on the **Toggle Power** button to power the board.

Vary the potentiometer; the voltage is measured by an ADC and is displayed in hex format on the LCD module.

CY3210-PSoCEVAL1 Evaluation Kit Details

- Character LCD Interface
- Prototyping Area
- Power LED
- UART Rx Pin
- RS-232 Transceiver
- UART Tx Pin
- RS-232 Interface
- Voltage Regulator
- Jumper (JP3) to select Power Option (3.3 V/5 V)
- DC Supply Jack
- 9-V Battery Terminals
- LCD Contrast Control
- Push Button Switch
- LEDs
- Potentiometer (Analog Input)
- GPIO Expansion Port
- Reset Switch
- Chip Socket for PSoC Device
- ISSP Programming Header
- JP1 connects P16 to UART Rx Pin
- JP2 connects P27 to UART Tx Pin

For the latest information about this kit, visit
http://www.cypress.com/go/CY3210-PSoCEVAL1

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