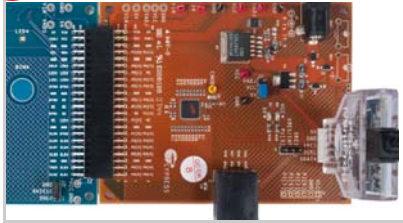**1**

1. Insert the kit CD in the CD drive.
2. Install the kit contents, PSoC Designer, and PSoC Programmer.
3. The hardware prerequisites for this kit are the CY3280-20x34* Universal CapSense Controller (UCC) board and MiniProg1.

* Note The ordering part number for CY3280-20x34 UCC is CY3280 - BK1.

2

1. Connect the CY3280-SLM board to the CY3280-20x34 UCC board's P2 connector.
2. In the CY3280-20x34 board, place the jumper on header J1 to short pins 2 and 3.
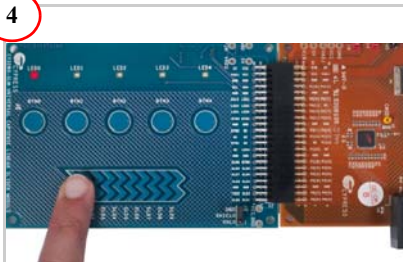3. In the CY3280-SLM board, place the jumper on header J2 to short pins 2 and 3.

3

1. Connect MiniProg1 to the CY3280-20x34 UCC Board's ISSP connector (J3). Connect it to your PC using a USB cable.
2. Open PSoC Programmer and click File>File Load. Browse and load the *CY3280_20x34_PD_Project1.hex* file*.
3. Click Connect; connect MiniProg1 to PC.
4. Click Program button to program the device.
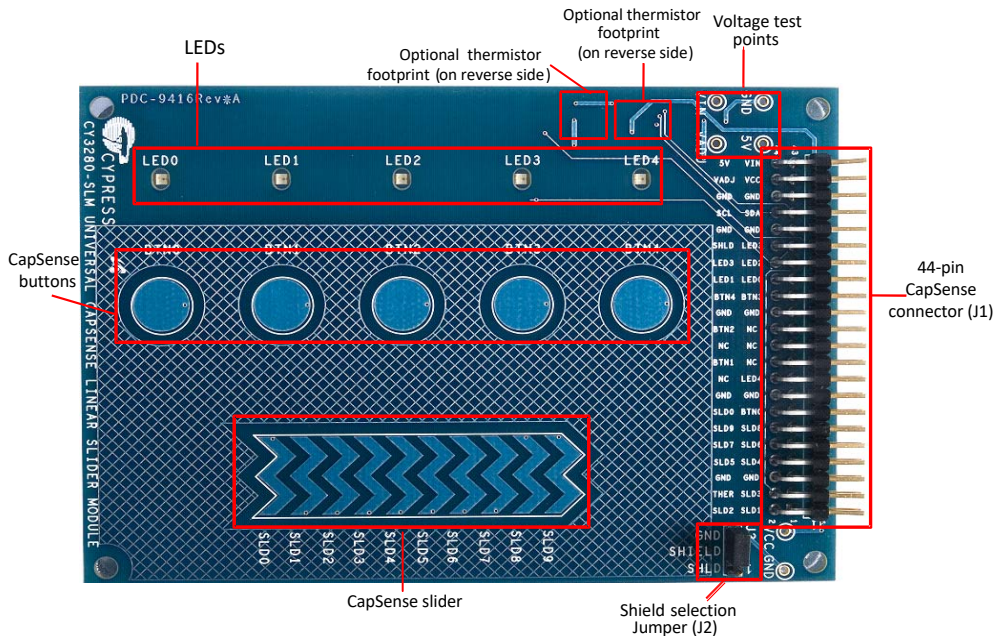5. Click Toggle button to power the board.

*Note These files are located at: <Install directory> \Cypress\CY3280-SLM\<version>\Firmware

4

1. Touch and move the linear slider on the CY3280-SLM module board. The corresponding LEDs on the CY3280-SLM board light up.
2. Touch a button. The corresponding LED on the CY3280-SLM module board lights up.
3. You can touch multiple buttons at the same time. The linear slider and buttons can be used at the same time.

CY3280-SLM Kit Details

LEDs

Optional thermistor footprint (on reverse side)

Optional thermistor footprint (on reverse side)

Voltage test points

CapSense buttons

44-pin CapSense connector (J1)

CapSense slider

Shield selection Jumper (J2)

Notes

- For more details on code examples, refer to the PDF file along with the project in the Firmware folder (for example, *21x34_CSD PD project 1.pdf*) in the following directory:
  <Install directory> \Cypress\CY3280-SLM\<version>\Firmware\21x34_CSD\PD project 1.
- CY3280-SLM can be used with any of the following UCCs:
  1. CY3280- 20x66
  2. CY3280- 24x94
  3. CY3280- 21x34 (ordering part number is CY3280-BK1)

For the latest information about this kit visit
www.cypress.com/go/CY3280-SLM

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