## CY3280-BSM UNIVERSAL CAPSENSE<sup>®</sup> SIMPLE BUTTON MODULE KIT QUICK START GUIDE



1. Insert the kit DVD in the DVD drive.

2. Install PSoC Designer and PSoC Programmer.

**Note** The hardware prerequisites for this kit are CY3280-20x34 Universal CapSense Controller (UCC) board and MiniProg1.

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1. In PSoC Programmer, click File > File Load. Browse and load CY3280\_BSM\_20x34.hex.

2. Click the Connect button. Select Power Cycle mode

- 3. Click the Program button.
- 4. Click the Toggle power button.

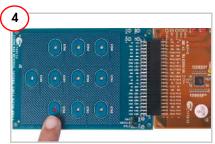
Note The hex file is located at: <Install\_ directory>\Cypress\ CY3280-BSM\<version>\Firmware\ 20x34\_CSA\CY3280\_BSM\_20x34\ CY3280\_BSM\_20x34\



1. Connect the CY3280-BSM 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. In the CY3280-BSM board, place the jumper on header J2 to short pins 2 and 3.

3. Connect MiniProg1 to the CY3280-20x34 UCC board's ISSP connector (J3). Connect it to your PC using a USB cable.

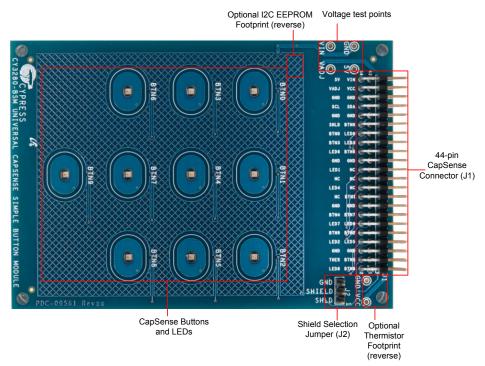


1. When you touch a button, the corresponding LED on the module board lights up, indicating the button you touched.

2. Touch the same button to turn off the LED. You can touch multiple buttons simultaneously.

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## CY3280-BSM Kit Details



**Note** For more details on code examples, see the PDF accompanying the project in the Firmware folder (for example, Readme\_BSM\_20x34.pdf) in the directory: <Install directory>\Cypress\CY3280-BSM\<version>\Firmware\20X30\_CSA\.

CY3280-BSM can be used with any of the following UCCs: CY3280-20x66, CY3280-24x94, or CY3280-21x34 (ordering part number is CY3280-BK1).

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