CY3280-SRM UNIVERSAL CAPSENSE[®] RADIAL SLIDER MODULE KIT QUICK START GUIDE



 Insert the kit DVD in the CD/DVD drive.
 Install the kit content, PSoC[®] DesignerTM, and PSoC Programmer.

Note The hardware prerequisites for this kit are any CY3280 Universal CapSense Controller (UCC) board, such as the latest CY3280-20x66 DVK, and MiniProg1.

Pot Selection	
MINIProg1/83AFAD	541316 Programming Parameters File Patr: ClSssbill02_MeWork02_Previous Quarters107_0311birdgelFirmware/USBbill03.
	Bioarammar MNIProg10836740541316 Programming Mode: O Reset Power Optice Varification: O m O m Connector: 9 50 - 100
Device Family	AutoDetection: On O Of <u>Clock Speed</u> 32 MHz Programmer Characteristics Status
Device Criecologia	Executed JTAG SWO ISSP Ize Execution Time: Valuase: © 5.0V 3.3V 2.5V 1.8V Valuase: OFF Valuase: © 5.0V 1.3V 2.5V 1.8V Valuase: NA
Arton	Pande

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_SRM_20x34.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 This file is located at: <Install directory>\ Cypress\CY3280-SRM\<version>\

Firmware\20x34 CSA\PD project 1\

CY3280_SRM_20x34\CY3280_SRM_20x34.hex



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



1. Touch and move the radial slider on the CY3280-SRM module board. The corresponding LEDs on the CY3280-SRM board light up.

2. Touch a button. The corresponding LED on the CY3280-SRM module board lights up.

3. You can touch multiple buttons at the same time. The radial slider and buttons can be used at the same time.

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CY3280-SRM Kit Details

Notes

- For more details on code examples, refer to the PDF file along with the project in the Firmware folder (for example, *Readme_SRM_21x34_CSD PD1.pdf*) in the following directory:
 <Install directory>\Cypress\CY3280-SRM\<version>\Firmware\21x34_CSD\PD project 1.
- CY3280-SRM 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-SRM



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