QUICK START GUIDE

PSoC® MINIPROG3 PROGRAM AND DEBUG KIT

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| | SSC Programmer PSC Programmer in a finable, integrated programming application for programming PSoC, FMD+ and USB Type- C and Proce Delivery devices. PSOC Programmer can be used with PSoC Designer and PSoC Creator to program and enterin order a PSoC or TMD* devices. | CVBC2D0/7/S CVBC32xx CVBC34xx |
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Install Software

Download and install PSoC Programmer from www.cypress.com/psocprogrammer



MiniProg3 Setup

- Launch PSoC Programmer.
- Connect the MiniProg3 to your PC using the USB cable.
- PSoC Programmer detects the connected MiniProg3 and the Status LED on the MiniProg3 turns green.

For more details on MiniProg3, refer to the Kit Guide available on: www.cypress.com/CY8CKIT-002

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PSOC® MINIPROG3 PROGRAM AND DEBUG KIT



Programming Protocol and Device Family

- Ensure that the MiniProg3 is connected in the Port Selection window by clicking on the MiniProg3. A blue dot should appear indicating connection.
- The MiniProg3 supports PSoC 1, PSoC 3, PSoC 4, PSoC 5LP, and PSoC 6 devices.
- Select the appropriate programming protocol in the Programmer tab before choosing the device from the drop-down menu.
- PSoC Programmer displays only those devices that are supported by the programming protocol.
 PSoC 1 = ISSP
 PSoC 3, PSoC 5LP, PSoC 6 = JTAG
 PSoC 3, PSoC 4, PSoC 5LP, PSoC 6 = SWD

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| Device Family CY8C38xx V Device CY8C38664/0.040 V | Programmer Characteristics Protocol: ○ JTAG ● SWD ○ I Voltage: ○ 5.0 V ● 3.3 V ○ 2 | SSP () 12C | Status Execution Tim Power Status: Voltage: | <u>c</u> |

Program a Device

- Load the target .*hex* file by clicking **File** > **File Load**.
- Set the programming settings in the Programmer tab.
- Select the target device from the drop-down menu.
- Connect the MiniProg3 to the target device.
- Click the Program button [F5]

For the latest information about this kit, visit www.cypress.com/CY8CKIT-002



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