CY8CKIT-005 MINIPROG4 PROGRAM AND DEBUG KIT



Install Software

Download and install a programming tool¹.
www.cypress.com/psocprogrammer
www.cypress.com/cypressprogrammer



Supported Devices

• MiniProg4 supports PSoC 4, PSoC 5LP, and PSoC 6 MCU devices².

For more details on MiniProg4, refer to the Kit Guide available on: www.cypress.com/CY8CKIT-005

CY8CKIT-005 MINIPROG4 PROGRAM AND DEBUG KIT

MiniProg4 Setup

- Launch the programming tool you installed.
- Connect the MiniProg4 to the PC with the USB cable.
- Programmer detects the connected MiniProg4 and the Mode LED on the MiniProg4 turns on.

PSoC Programmer

Proc Control - 0 Proc Social Science Processor Proc Social Science Process

Cypress Programmer



Program a Device

- Load a .hex file.
- Set the programming settings.
- Connect the MiniProg4 to the target device.
- Click the Program button.

PSoC Programmer

Pot Selection	Programmer Ublides JTAG			
MiniProg4 (CMSIS-DAP/BUL		Memory Types		
	Eile Path: C1Usenisaga/Desktop/MP4_DFTInfo/Hex Files/klprog3.hex		Load from device	
<	Dissistance MainPool (CMSIS-DAPR01, U110670520313147400) Dissistance ® Rese O Power Used Terror Detect > MainDissic ® Rese O Power Used Econoxic 6 ® 100 AddDistation ® On O M Clock Scenet 15 Mino	- 🛛 Main Flash (- (54K)	
CY8C500LP Device CY8C5868LTHLP029	Pogrammer Characteristics Status Status Status Postocat / mixi ⊕ swb ISP Icc Exect Status ON Validate: O So V ⊕ 3.3 V O 2.5 V O 1.8 V Voltage: 323 mV	Size (lytes): Start address: End address:		
Actions	Results			
Successfully Connec Opening Fort at 11:	2 AM MiniPrope (CHSIS-CARFUSIE/140F085503147460) te MiniPrope. CHSIS-CAF Version 2.0.0. Firmware Version 1.01.122. Hards 15 5. AM MiniPrope (CHSIS-CARFUSIE/1907055503147400)	eare Id 03.		

Cypress Programmer

File View Option	Lefs	_
	RALE COLUMN CONTRACTOR COLUMN CO	
Settings		ж
Program Settings File Reset Orip	C/Users/visity/Decuments/ModulToolbox/CE2XY17DataLogger_mainapp/Debug/CE2XY17DataLogger_mainapp.hes 23	-
Info : Spen On- Info : Solit_larg captor: Captor: Larle : Alternation Info : Alternation Info : Alternation Info : Alternation Info : Poeter Info : Alternation Info : Alternation Info : Alternation Info : Alternation Info : Alternation Info : Alternation	- A status of a status bio Shaper With the Cherk Ram, see a rank bit each head to reast any projectus or cartigue known and a status of the	4

- **Note 1:** PSoC Programmer is compatible with the Windows operating system. Cypress Programmer is compatible with Windows, macOS and Linux.
- **Note 2:** Each programmer supports a subset of Cypress devices. See the respective tool documentation for which devices each supports.

For the latest information about this kit, visit www.cypress.com/CY8CKIT-005



