Support and More Resources

CY3215-DK Development Kit (Emulator)

For simple programming, a MiniProg is included in the CY3210-SDCARD kit. For full emulation you can attach an ICE-Cube to the PsoCEval1 board. (The ICE-Cube is available in the CY3215-DK.)



ICE-Cube (available in CY3215-DK)

The CY3215-DK Development Kit also includes an emulation POD for CY8C29XXX devices.

Powering the Board (9-12V)

The PsoCEval1 board can be powered by any of the following methods:

1. Included 12V power supply.
2. PSoC ICE-Cube: not to exceed 100 mA (3.3V only).
3. 9V battery.

WARNING: JUMPER JP3 MUST BE INSTALLED TO PROVIDE ONLY 3.3V TO THE SD CARD ADAPTER. FAILING TO INSTALL THIS JUMPER WILL LIKELY DAMAGE THE SD CARD.

Web: www.cypress.com
Support: www.cypress.com/support/
US: 800.669.0557 Intl: 425.787.4814

SD Card Module Evaluation Kit
CY3210-SDCARD Rev A

Quick Start

1. Verify Kit Contents
2. Install PSoC™ Designer
3. Install PSoC Programmer
4. Assemble Evaluation Board
5. Run Example Project

Step 1: Verify Kit Contents



PSoCEval1 Board

Kit Contents

- CY3210-PSoCEVAL1 Rev B Board
- SD Card Adapter Board
- Secure Digital (SD) Memory Card
- USB to SD Card Reader
- MiniProg1
- USB Cable
- 12V Power Supply (not pictured)
- One 28-Pin DIP Sample (CY8C29466-24PXI) ** (not pictured)
- PSoC Designer and Programmer CD
- Cypress Support Card
- Example Projects

** Only parts in the CY8C29xxx family are currently supported with the SDCard User Module



USB Cable



MiniProg Programming Unit



PSoC Designer CD-ROM



SD Card Adapter



SD Card Reader



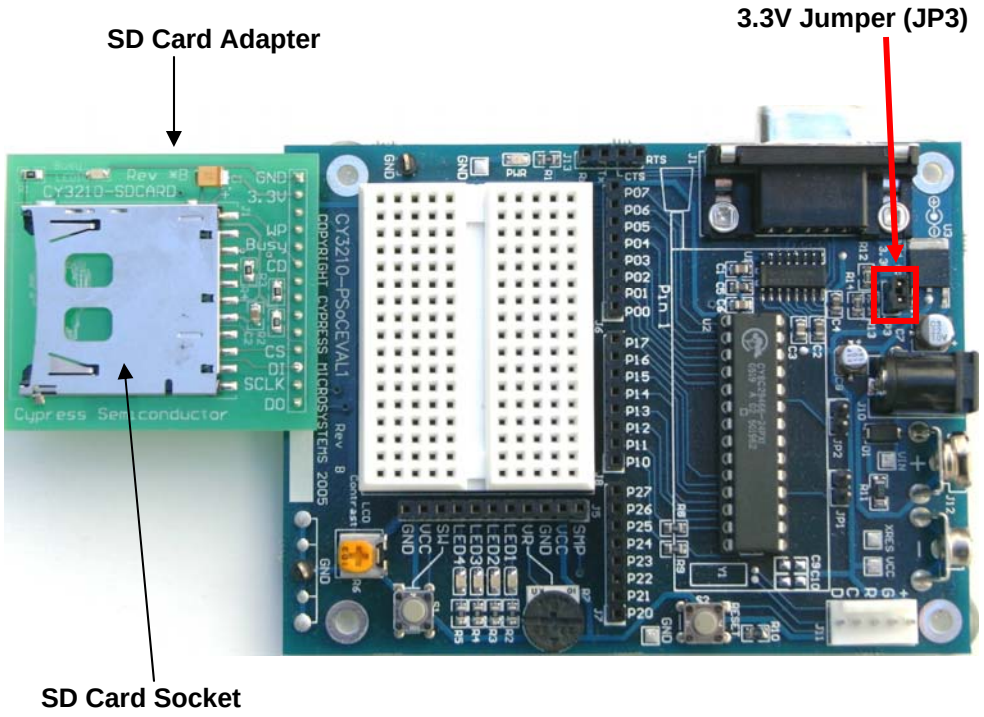
Secure Digital Card

Step 2 & 3: Install Software

Install PSoC Designer and then PSoC Programmer from the included CD-ROM. For assistance refer to *PSoC Designer: Integrated Development Environment User Guide*, available on the CD-ROM.

Download the latest version and updates of PSoC Designer and PSoC Programmer at **www.cypress.com/psoc** (Design Resources >> Software & Drivers).

Step 4: Assemble Evaluation Board



Jumpers:
JP3 – MUST BE INSTALLED FOR 3.3V OPERATION OF THE SD CARD ADAPTER.

Step 5: Run Example Project

Example projects can be run from PSoC Designer under File>Open Project

C:\ProgramFiles\CypressMicroSystems\PSoCDesigner\Examples\SDCard. These example projects are also available at www.cypress.com/psocexampleprojects. Read any readme.txt files associated with the example and run the ".soc" file in PSoC Designer.

CY3210-SDCARD Adapter Schematic

