Kit Contents

ICE-Base Unit

12V DC

POD

Univeral 110/220 Power Supply

Backward Compatibility Adapter

28-Pin DIP Flex-POD for the CY8C29466-24PXI

ISSP Cable

USB 2.0 Cable

Blue CAT 5e Cable

Two 28-Pin DIP Samples (CY8C29466-24PXI)

MiniEval-Evaluation and Programming Board

PSoC™ Designer CD-ROM

Not Pictured
- C Compiler Activation Instructions
- PSoC Designer Release Notes

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CYPRESS MICROSYSTEMS
A Subsidiary of Cypress Semiconductor

CY3215-DK
Getting Started Guide

Step 1: Verify Kit Contents

KIT CONTENTS
- ICE-Cube In-Circuit Emulator Base Unit
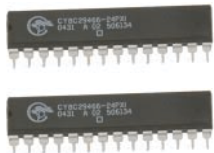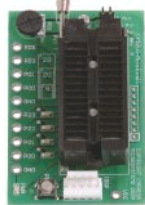- 28-Pin DIP Flex-Pod for the CY8C29466-24PXI
- Two 28-Pin DIP Samples (CY8C29466-24PXI)
- MiniEval - Evaluation and Programming Board
- C Compiler Activation Instructions
- PSoC Designer CD-ROM
- PSoC Designer Release Notes
- USB 2.0 Cable
- ISSP Cable
- Universal 110/220 Power Supply
- European Plug Adapter
- Backward Compatibility Adapter
- Blue Cat 5e Cable (for Backward Compatibility)
- Getting Started Guide

See Reverse for images of kit contents

Step 2: Install PSoC Designer

Install 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 at **www.cypress.com/psoc**
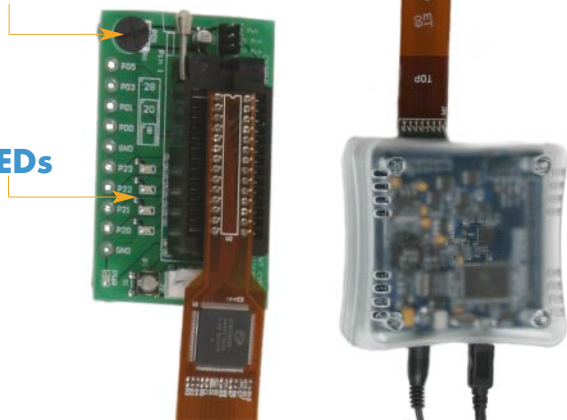
Step 4a: Use the MiniEval to Evaluate

Attach the Flex-Pod to the ICE-Cube as shown in the picture. Notice that the Flex-Pod connector is keyed to attach to the ICE-Cube in only one way.

Connect the Flex-Pod to the MiniEval via the ZIF socket on the MiniEval.

Run ASM_Example_BLink_LED in PSoC Designer: PSoC Designer >> Examples >> CY8C29

Potentiometer

LEDs

Step 3: Install PSoC Programmer

PSoC Programmer is a separate application and must be installed separately from PSoC Designer. Install from the included CD-ROM.

Download the latest version and updates of PSoC Programmer at **www.cypress.com/psoc**

Step 4b: Use the MiniEval to Program

Attach the Backward Compatibility Adapter to the ICE-Cube in place of the Flex-Pod.

Connect the RJ45 end of the ISSP cable into the adapter.

Connect the ISSP cable's 5-pin connector to the MiniEval

Program parts using PSoC Programmer.

To learn how to use the ISSP cable with a custom target board, see Applications Notes AN2014 and AN2026.
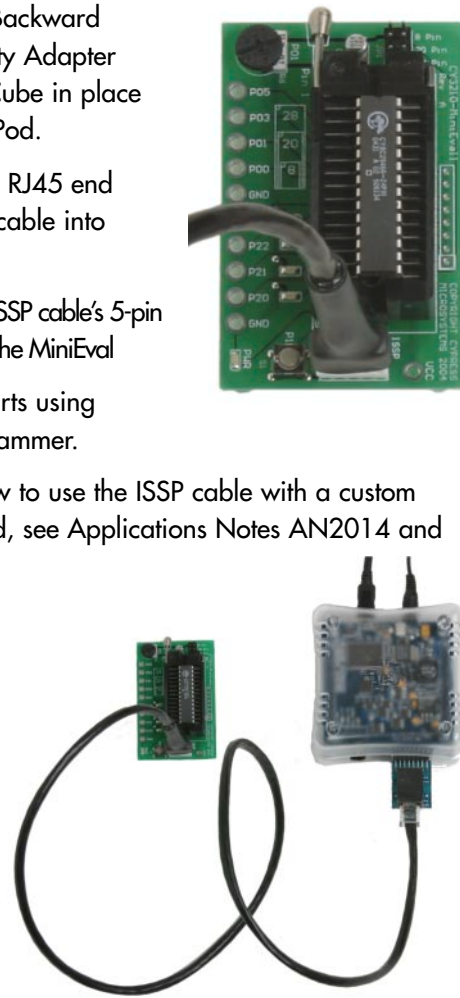
Support

The following Application Notes and documents are available at **www.cypress.com/psoc**

PSoC Device Selector Guide
Application Note AN2209, the PSoC Device Selector Guide, is a useful tool for determining exactly which PSoC device you should use for a specific project.

Development Tools Selector Guide
The PSoC Development Tools Selector Guide includes a complete catalog and description of all the development tools that support PSoC devices.

Flex-Pod Soldering Guide
Application Note AN2222, the Flex-Pod Soldering Guide, provides a comprehensive methodology for soldering PSoC Flex-Pods. The easy-to-follow instructions include detailed step-by-step pictures.

PSoC Emulation Pod Dimensions
Some emulation tools may require a larger area on the target PCB than the chip's footprint. For a detailed description of the emulation tools' dimensions, refer to the document titled PSoC Emulation Pod Dimensions.

Tele-Training
Tele-training courses can help you move quickly up the PSoC learning curve. Each training includes example projects. To register for the live training taught by PSoC factory experts or to download a pre-recorded class, visit **www.cypress.com/support/training.cfm.**

Online Support
For knowledgebase articles, customer forums, and online application support, visit **www.cypress.com/support.**

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