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CY8CKIT-008 PSoC® CY8C29 Family Processor Module Kit

Last Updated: Jan 25, 2018



This processor module can be used in conjunction with the PSoC Development Kit (CY8CKIT-001) to create designs utilizing on-board DVK resources or compatible expansion boards. This kit provides you with an additional processor module to use with different projects.

Please visit the [Getting Started with PSoC 1](#) page which will guide you through your first steps. It provides basic information about software, technical documentation, training and support infrastructure.

Kit Contents:

- PSoC® CY8C29 Family Processor Module
- Kit CD, which includes: PSoC Designer™, PSoC Programmer, and Documentation

For PSoC training, please visit <http://www.cypress.com/go/training>.

Software Title	Description	Link
PSoC Designer	This kit requires PSoC Designer for development	Download
PSoC Programmer	This kit requires PSoC Programmer for programming	Download

Related Files

File Title	Language	Size	Last Updated
CY8CKIT-001_PSoC_Development_Kit_Guide.pdf	English	10.44 MB	05/04/2012
PSoC Development Kit Quick Start Guide.pdf	English	3.05 MB	05/04/2012
CY8CKIT-008 Board Design Files (Schematic, Layout, Gerber, BOM)	English	1.15 MB	09/22/2011
CY8CKIT-008 Firmware.zip	English	2.13 MB	09/16/2010

Need help? Ask a question and find answers in the [Cypress Developer Community Forums](#).

Low/intermittent bandwidth users tip: Firefox and Chrome browsers will allow downloads to be resumed if your connection is lost during download.

Related Resources

Application Notes

[AN2282 - Analog - Resonant Bridge Oscillators for Piezoelectric Buzzers](#)

08/25/2015

PRICE & AVAILABILITY

RELATED RESOURCES

[Application Notes \(11\)](#)
[Development Kits/Boards \(13\)](#)
[Technical Reference Manuals \(1\)](#)

RELATED PAGES

[CY8C29x66 PSoC Designer PSoC® 1](#)

AN2376 - PSoC® 1 – Interface to Four-Wire Resistive Touchscreen	08/25/2015
AN2344 - Power Management - Battery Charger with Cell-Balancing and Fuel Gauge Function Support	02/19/2018
AN13666 - PSoC® 1 Driving Analog Buffer Output to the Rail	12/14/2017
AN2163 - Interfacing to 1-Wire/Two-Wire Digital Temperature Sensors using PSoC® 1	02/19/2018
AN47215 - PSoC® RC Oscillator to Accurately Time Sleep Cycles	08/25/2015
AN44168 - PSoC® 1 Device Programming using External Microcontroller (HSSP)	02/22/2018
AN49943 - PSoC® 1 USB-to-UART Bridge	02/19/2018
AN58829 - PSoC1® Infrared Thermometer	04/11/2016
AN64475 - PSoC®1 - Optimizing Cascaded Switched Capacitor Filters	11/20/2015
AN78737 - PSoC® 1 - Temperature-Sensing Solution using a TMP05/TMP06 Digital Temperature Sensor	08/26/2015

Development Kits/Boards

CY3215-DK In-Circuit Emulation Development Kit	01/29/2018
In-Circuit Emulation (ICE) Pod Kit for Debugging Non-QFN CY8C29xxx PSoC(R) Devices	01/29/2018
Replacement In-Circuit Emulation (ICE) Pods (2) for Debugging Non-QFN CY8C29xxx PSoC(R) Devices	01/30/2018
In-Circuit Emulation (ICE) Pod Kit for Debugging QFN CY8C29xxx PSoC(R) Devices	01/29/2018
Replacement In-Circuit Emulation (ICE) Pods (2) for Debugging QFN CY8C29xxx PSoC(R) Devices	01/30/2018
CY8CKIT-001 PSoC® Development Kit	01/25/2018
CY8CKIT-003 PSoC® 3 FirstTouch™ Starter Kit	08/28/2018
CY8CKIT-009 PSoC® CY8C38 Family Processor Module Kit	01/25/2018
CY8CKIT-020 PSoC® CY8C28 Family Processor Module Kit	01/25/2018
CY8CKIT-010 PSoC® CY8C58LP Family Processor Module Kit	02/15/2018
CY8CKIT-014 PSoC® 5 FirstTouch™ Starter Kit (OBSOLETE)	01/25/2018
PSoC® 1 Kits	01/30/2018
CY3215A-DK In-Circuit Emulation Lite Development Kit	01/29/2018

Technical Reference Manuals

CY8C28xxx PSoC® Programmable System-on-Chip Technical Reference Manual	02/02/2017
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