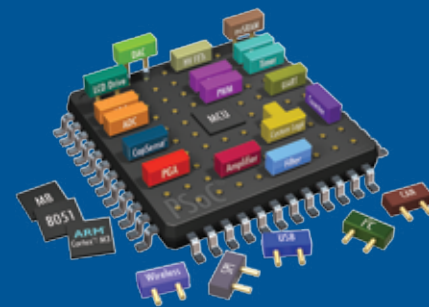CYPRESS
PSoC® PLATFORM
DEVELOPMENT KITS

EXPLORE CYPRESS'S REVOLUTIONARY NEXT GENERATION PLATFORMS WITH THE FIRSTTOUCH™ EVALUATION KITS

FirstTouch™ kits for PSoC® 1, PSoC 3, or PSoC 5 architectures enable you to quickly evaluate and leverage the advantages of the high precision, programmable analog and digital functions of PSoC in your application. The FirstTouch kits ship with an array of analog sensors, I/O's, sample projects and our PSoC development software – everything you need to get started.

PSoC 3 FirstTouch Starter Kit

Key Features:

• Onboard accelerometer and thermistor
• CapSense® slider
• 12 pin wireless header
• Serial Wire Debugging (SWD)
• and more!

Get more information at www.cypress.com/go/cy8ckit-003

PSoC DEVELOPMENT KIT—ONE PLATFORM, COUNTLESS APPLICATIONS (CY8CKIT-001)

More than just a kit, this is a modular development platform, allowing you to combine the PSoC processor module you need with up to four expansion boards targeting your solution.

Key Features:

• Includes PSoC 1 and PSoC 3 processor modules, PSoC 5 coming Q2 2010
• A host of individually configurable power supply options for digital, analog and I/O
• CapSense buttons, slider and proximity sensor
• Breadboard prototyping area
• 2x16 alpha-numeric LCD with built-in full-speed USB port
• Includes MiniProg3, allowing you to program any PSoC in system
• 4 expansion ports to extend your development and prototyping capacity with expansion board modules

Get more information at www.cypress.com/go/cy8ckit-001

For a list of the growing array of expansion boards available, please see the reverse.

STARTER KITS
• PSoC 1 FirstTouch Starter Kit (CY3270 - $36)
• PSoC 1 FirstTouch Starter Kit with CyFi Low-Power RF (CY3271 - $132)
• PSoC 3 FirstTouch Starter Kit (CY8CKIT-003 - $49)
• PSoC 5 FirstTouch Starter Kit (CY8CKIT-014 - coming soon!)

DEVELOPMENT KITS
• PSoC Development Kit (CY8CKIT-001 - $249)
• PSoC CY8C28 Family Processor Module Kit (CY8CKIT-020 - $65)
• PSoC CY8C29 Family Processor Module Kit (CY8CKIT-008 - $65)
• PSoC CY8C38 Family Processor Module Kit (CY8CKIT-009 - $65)
• PSoC CY8C55 Family Processor Module Kit (CY8CKIT-010 – Coming soon)
• PSoC MiniProg3 Program and Debug Kit (CY8CKIT-002 - $89)

EXPANSION BOARD KITS
• PSoC LCD Segment Drive EBK (CY8CKIT-029 - $59)
• PSoC EBK for iPhone & iPod Accessories (CY8CKIT-023 - $149)
• PSoC Prototyping and Development EBK (CY8CKIT-012 – Coming soon)
• PSoC CapSense EBK (CY8CKIT-031 – Coming soon)
• PSoC CAN/LIN EBK (CY8CKIT-017 – Coming soon)

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www.cypress.com/go/kits

EXPANSION BOARD KITS FOR PSoC DEVELOPMENT KITS

Expansion Board Kits (EBKs) are plug-in boards that enable you to extend the functionality of your PSoC development kit by adding new functions, prototyping space, communication headers, sensors, and more. PSoC developers can use a single EBK or multiple EBKs working together to quickly evaluate various PSoC applications.

PSoC LCD Segment Drive Expansion Board Kit (CY8CKIT-029)

The LCD Segment Drive Expansion Board Kit allows you to evaluate PSoC's LCD drive capability by designing your own projects with easy-to-use LCD segment component in Cypress's PSoC Creator™, or altering sample projects provided with this kit including a stopwatch and battery meter display. The kit enables you to add an LCD with both 14 and 7 segment display elements. Learn more at www.cypress.com/go/cy8ckit-029

PSoC Expansion Board Kit For iPhone & iPod Accessories (CY8CKIT-023)

Cypress's PSoC programmable system-on-chip architecture gives you the freedom to not only imagine revolutionary new accessories for iPhone and iPod devices, but also the capability to get those accessory products to market faster than anyone else. The PSoC Expansion Board Kit for iPhone & iPod Acccessories (CY8CKIT-023) is available only to licensees of Apple's Made for iPod program, through Apple's authorized Made for iPod component distributor. Learn more at www.cypress.com/go/cy8ckit-023

PSoC Prototyping and Development Expansion Board Kit (CY8CKIT-012) – Coming Soon

This kit provides a solderable prototyping area for any custom circuit you'd like to interface to PSoC. Just build it up and plug it in!

PSoC CapSense Expansion Board Kit (CY8CKIT-031) – Coming Soon

Add touch-sensing capability using award-winning Cypress CapSense technology.

PSoC CAN/LIN Expansion Board Kit (CY8CKIT-017) – Coming Soon

Add support for both CAN and LIN to your PSoC system. Or use a number of these kits to build a multi-node network.

PSoC CREATOR SOFTWARE

PSoC Creator is a state-of-the-art software development IDE combined with a revolutionary graphical design editor to form a uniquely powerful hardware/software co-design environment. This co-design approach frees embedded designers from hardware re-spins and software hacks. It also enables immediate testing of new ideas, rapid response to hardware changes, and error-free software interaction with on-chip peripherals.

GET STARTED NOW

- Download the PSoC Creator IDE at www.cypress.com/go/psoccreator
- Get training at www.cypress.com/go/training
- Buy PSoC parts/kits at www.cypress.com/buyonline.

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