

A large, circular, blue-tinted image of a microchip die, showing a grid of circuitry, is positioned on the right side of the slide. It is partially cut off by the edge of the frame.

PSoC® FirstTouch Starter Kit

**Integration
Flexibility
Real Mixed-Signal Programmability**



PERFORM

Product Overview – FirstTouch Kit

- Built-in Applications
 - Sensing - touch, temperature, ambient light, proximity
 - Control – color LEDs, PC screen, alarm
- Hardware
 - USB thumb drive form factor
 - Multi-function expansion board detaches for insertion into target systems
- PSoC Express software
 - Easy visual embedded design
 - No Assembly or C coding
- \$29.95 resale

PSoC FirstTouch Starter Kit



Single Platform – Multiple Applications Out of the Box:

- 1) **CapSense Touch Sensing:** Based on finger position on slider, LED color changes
Applications: White Goods, Handsets, Consumer Electronics, Computers
- 2) **Temperature Sensing:** Based on Temperature changes, LED color changes, Buzzer sounds.
Applications: Fan Control, Alarm Systems
- 3) **Ambient Light Sensing:** Based on Light intensity, the LED brightness changes
Applications: Intelligent Light sensing, such as PC monitors & Mobile phones where screen brightness change
- 4) **CapSense Proximity Sensing:** Based on the hand proximity, LED color changes
Applications: White Goods, Handsets, Consumer Electronics, Computers

The Value of PSoC Mixed-Signal Arrays

Unmatched Integration

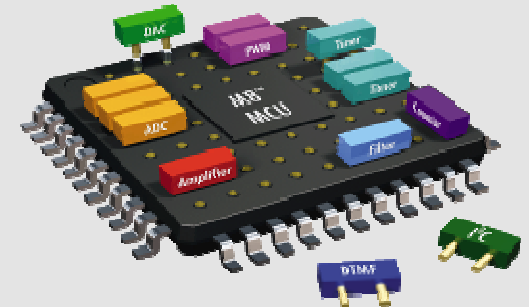
PSoC is a complete system-level solution with digital and analog peripherals, an 8-bit microcontroller, and embedded Flash memory

Ultimate Flexibility

The easy to use PSoC Express Visual Embedded System Design Tool enables designers to easily make revisions to make ever-changing system requirements – up to the last-minute.

Real-Mixed Signal Programmability

PSoC offers a complete set of analog and digital peripherals (amplifiers, ADCs, DACs, filters, comparators, timers, counters, PWMs, SPI, UART, etc.) that can be configured to design specifications.



PSoC FirstTouch Starter Kit Packaging

The Power of PSoC[®] Mixed-Signal Arrays

Unmatched Integration
PSoC[®] is a complete system-level solution with digital and analog peripherals, an 8-bit microcontroller, and embedded Flash memory.

Ultimate Flexibility
The easy to use PSoC Express[™] visual embedded system design tool enables designers to easily make revisions to meet ever-changing system requirements—up to the last minute.

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PSoC[®] FirstTouch[™] Starter Kit CY3270

PSoC[®] FIRST TOUCH[™]
THE ULTIMATE STARTER KIT
Featuring PSoC Express[™]

CYPRESS PERFORM

www.cypress.com/FirstTouch

CYPRESS PERFORM

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180 mm

5.6 oz – 159g

24 mm

146 mm



PERFORM

Cypress Confidential