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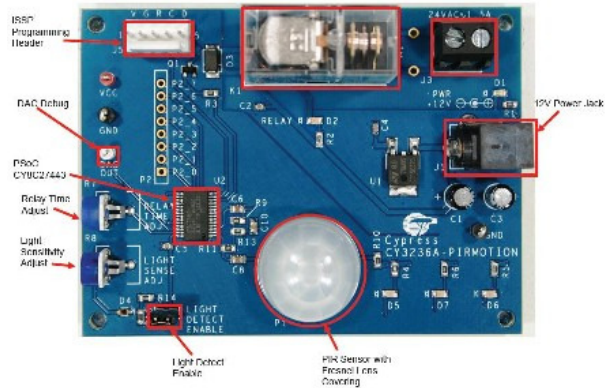
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CY3236A-PIRMOTION - Pyroelectric Infrared (PIR) Motion Detection Evaluation Kit (EVK)

Last Updated: 01/31/2011



Price & Availability

\$199.33 - In Stock

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CY3236A-PIRMOTION - Pyroelectric Infrared (PIR) Motion Detection Evaluation Kit (EVK)

CY3236A-PIRMOTION Rev. A Kit Contents:

- PIR Motion Sensor Board using CY8C27443-24PVXI PSoC(R) device
- 12V Power Supply
- PSoC Designer(TM) and PSoC Programmer CD
- Design Files CD (Schematic, BOM, Gerber Files, PSoC Designer Example Project)

For quick access to the Proximity Sensing Using PIR Application Note, go to <http://www.cypress.com/?rID=2794>.

Hardware Description

The CY3236A-PIRMOTION EVK allows you to evaluate Cypress' PSoC (Programmable System-on-Chip(TM)) device's ability to control a Pyroelectric Infrared (PIR) sensor to implement motion sensing applications such as automatic lighting controls, automatic door openers, security systems, kiosk wakeup and activating wireless cameras.

The human body radiates a certain amount of infrared light in the realm of about 10 micrometers at normal body temperature. PIR sensing captures this radiated light, filters the analog signals, converts those signals to digital and then uses the digital signals to control hardware depending on the application -- turning on a light, opening or unlocking a door, enabling or activating a security alarm, waking up a kiosk or ATM machine, activating a wireless camera, etc.

The CY3236A-PIRMOTION EVK includes all of the software, hardware, example projects and documentation you need to implement all of these PIR sensing control functions in one flexible and powerful PSoC device, the CY8C27443.

翻译文档仅供参考。这些译文可能不是根据最新英文版进行翻译的。我们建议您在做设计开发工作时参阅英文版。

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Related Files

File Title	Language	File Size	Last Updated
CY3236A - Release Notes.pdf	English	102 KB	06/17/11
Code Example.zip	English	387 KB	05/30/11
Quick Start Guide.pdf	English	128 KB	04/27/11
Evaluation Kit Guide.pdf	English	303 KB	04/27/11
CY3236A-PIRMOTION Customer Training Presentation.ppt	English	603 KB	09/24/08
CY8C27443 Datasheet.pdf	English	669 KB	09/24/08
PIR Motion Sensor Board BOM.xls	English	62 KB	09/24/08
PIR Motion Sensor Board Schematic.pdf	English	25 KB	09/24/08
CY3236A-PIRMOTION Kit Insert.pdf	English	575 KB	09/24/08
PIR Motion Sensor Board Gerber.pdf	English	503 KB	09/24/08

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Spec No: None; Sunset Owner: NPD; Secondary Owner: SNV; Sunset Date: 08/26/11

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