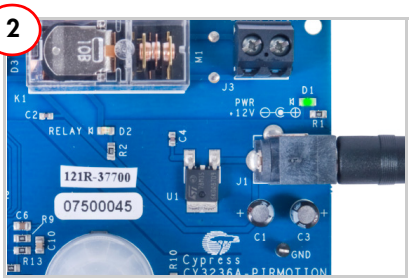
1



Insert the CY3236A-PIRMOTION board kit DVD into the DVD drive of your PC.

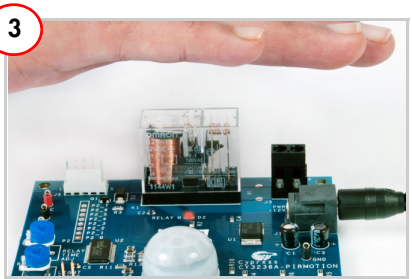
Install the kit contents, PSoC Designer, and PSoC Programmer.

2



The CY3236A-PIRMOTION board is pre-programmed with firmware designed for the CY8C27443 PSoC device. Power the board using the 12-V adapter at the power jack, J1.Esure that the shunt is not placed on J4.

3



Stimulate the infrared sensor by moving your hand above the sensor.

Use the Fresnel lens to direct infrared rays from various angles toward the PIR sensor.

Use the AC terminal block to connect an external hardware device.

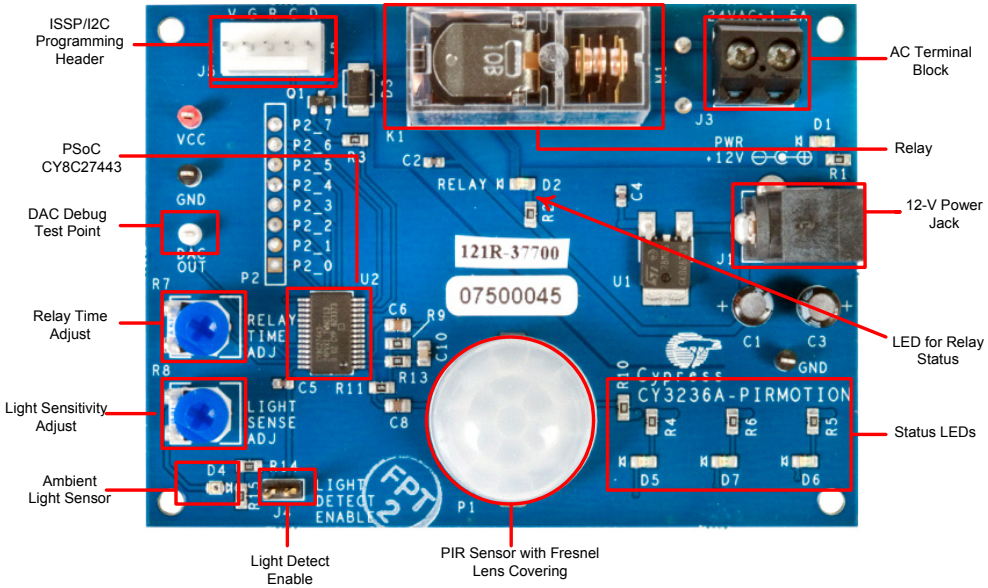
4



To adjust the length of time the relay is active, use the potentiometer, R7. Turn it counter-clockwise to increase the relay-on time and vice versa. Relay on is indicated by the LED, D2.

To enable the ambient light detector, shunt header J4. After enabling this feature, adjust the responsiveness of the board to light, using the potentiometer, R8.

CY3236A-PIRMOTION KIT DETAILS



For the latest information about this kit, visit
http://www.cypress.com/go/CY3236

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