Quick start guide

CY8CKIT-040T PSoC™ 4000T CAPSENSE™ Evaluation Kit

Easy, out-of-the-box experience with 5th-generation CAPSENSE™ technology demonstrating best-in-class low-power touch performance on PSoC™ 4 MCUs

Step 1: Power up the kit

a. Ensure that the jumper is populated at the **Current measure header**.

b. Ensure that the **Voltage selection switch** is at **1.8 V** position.

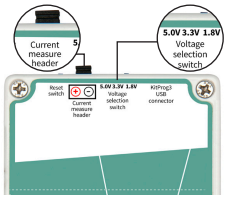
c. Connect the board to your PC using the provided USB cable and observe that the **Power** and **Status** LEDs turn ON.

Step 2: Test the operation

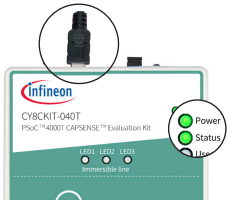
a. Touch the **Capacitive button** and observe that **LED1** glows blue.

b. Swipe the **Touchpad** horizontally to observe the change in **LED1** brightness. Swipe the **Touchpad** vertically to observe the change in **LED3** brightness.

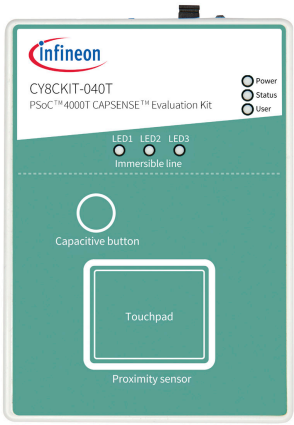
c. Evaluate the low-power and liquid tolerance features by following the steps in the "Using the out-of-the-box (OOB) example – CE234752" section of the PSoC™ 4000T CAPSENSE™ Evaluation Kit Guide.



Jumper position, voltage selection–rear view



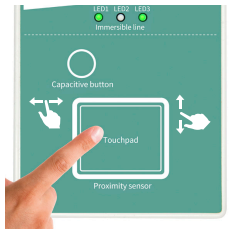
USB connection and LEDs (Power and Status)



PSoC™ 4000T CAPSENSE™ Evaluation Board with enclosure



Capacitive button and LED1



Touchpad, LED1, and LED3

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PSoC™ Rocks!

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