1. Power the PSoC 4700S kit by plugging the USB Type-A to Type-C cable (provided with this kit) to the USB connector (J2).

2. Press the buttons (BTN1-BTN3) and their corresponding LEDs (LED1-LED3) will turn ON.

3. Bring the metal target closer to the proximity sensor, LEDs (LED4-LED7) will turn ON as the metal target approaches closer to the sensor coil. Maximum proximity range is 2 cm.

4. When you operate the button or proximity sensor for a longer duration, the auto-reset feature will automatically disable the button or proximity and its corresponding LED.

Note: Install the PSoC 4700S device and latest MagSense™ component using PSoC Creator. For more information, please refer to the kit guide.

For more information, please visit: www.cypress.com/CY8CKIT-148