Install Software
1. Insert the kit DVD and install the kit software.
2. Refer to the CY8CKIT-025 Kit Guide in <Install_Directory>\PSoC Precision Analog EBK\<version>\Documentation for detailed installation instructions.
3. The projects will be installed at <Install_Directory>\PSoC Precision Analog EBK\<version>\Firmware.

Board Setup
1. Verify that jumper J6 is installed for RTD measurement.
2. Verify that jumper J5 is installed between pins 2 and 3 to use the thermistor on board.
Board Setup
1. Connect the thermocouple at connector J2.
2. Connect 2N3904 transistors at connector J4 for diode measurement.

Connect with PSoC 3/PSoC 5 Development Kit
1. Connect the CY8CKIT-025 Expansion Board Kit to Port E of the CY8CKIT-030 PSoC 3 Development Kit/CY8CKIT-050 PSOC 5LP Development Kit.
2. Power the CY8CKIT-030/CY8CKIT-050 by connecting the USB cable at J1.

Program the PSoC Device
1. Open TempSense_030_050.cywrk from PSoC Creator Start Page > Examples and Kits > Kits > PSoC Precision Analog EBK.
2. Select the location for the example project.
3. Click the Program icon in PSoC Creator.
4. Press the Reset button on the board to restart the kit.

Test the Expansion Board Kit
1. LCD shows the temperature reading.
2. Use the P5_5 and P5_6 CapSense buttons on CY8CKIT-030/CY8CKIT-050 to select temperature display of different sensors.
3. Refer to the CY8CKIT-025 Kit Guide, mentioned in step 1, for information on kit operation and additional example projects using CY8CKIT-001 and CY8CKIT-030/CY8CKIT-050.

For the latest information about this kit, visit http://www.cypress.com/go/CY8CKIT-025