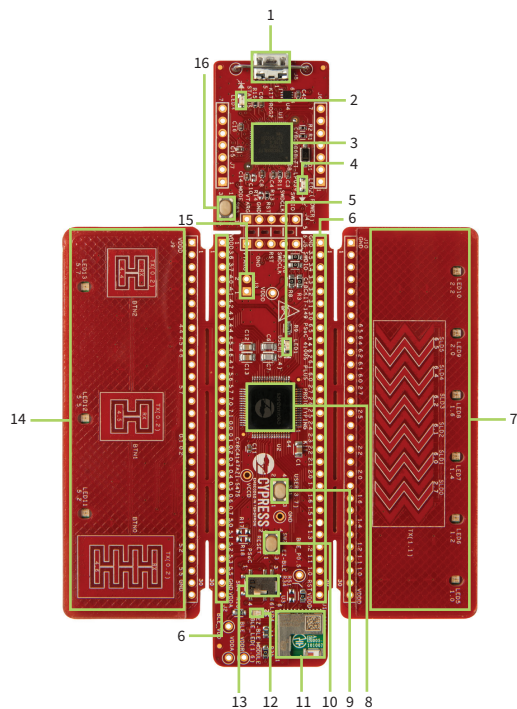


## QUICK START GUIDE

### CY8CKIT-149 PSoC™ 4100S Plus Prototyping Kit

- 1) Connect the board to your PC using a USB Micro-B cable at connector (J8).
- 2) The user LED (LED1) will display the breathing effect throughout the process.
- 3) Touch the CAPSENSE™ buttons (BTN0, BTN1, BTN2). The corresponding LEDs (LED11, LED12, LED13) turn on.
- 4) Touch the CAPSENSE™ sliders (SLD0, SLD1, SLD2, SLD3, SLD4, SLD5). The LEDs (LED5, LED6, LED7, LED8, LED9, LED10) up to the touch position are turned ON.



- 1 USB Micro-B connector (J8)
- 2 KitProg status LED (LED3)
- 3 PSoC™ 5LP MCU with KitProg firmware (CY8C5868LTI-LP039 - U1)
- 4 Power LED (LED2)
- 5 User LED (LED1)
- 6 I/O expansion headers (J1, J2)\*\*
- 7 CAPSENSE™ 6-segment sliders (SLD0, SLD1, SLD2, SLD3, SLD4, SLD5) and corresponding LEDs (LED5, LED6, LED7, LED8, LED9, LED10)
- 8 PSoC™ 4100S MCU (CY8C4147AZI-S475 - U2)
- 9 User button (SW1)
- 10 Reset switch (SW2)
- 11 AIROC™ Bluetooth® LE module (CYBLE-022001-00 - U3)
- 12 User LED of AIROC™ Bluetooth® LE module (LED4)
- 13 Programming selection switch (SW4)\*
- 14 CSX CAPSENSE™ buttons (BTN0, BTN1, BTN2) and corresponding LEDs (LED11, LED12, LED13)
- 15 Current measurement jumper (J3)\*\*
- 16 KitProg mode switch (SW3)

\* The programming selection switch (SW4) is used to program either the PSoC™ 4100S device or the AIROC™ Bluetooth® LE module.  
\*\* Footprints only, not populated on the board.

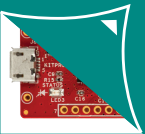
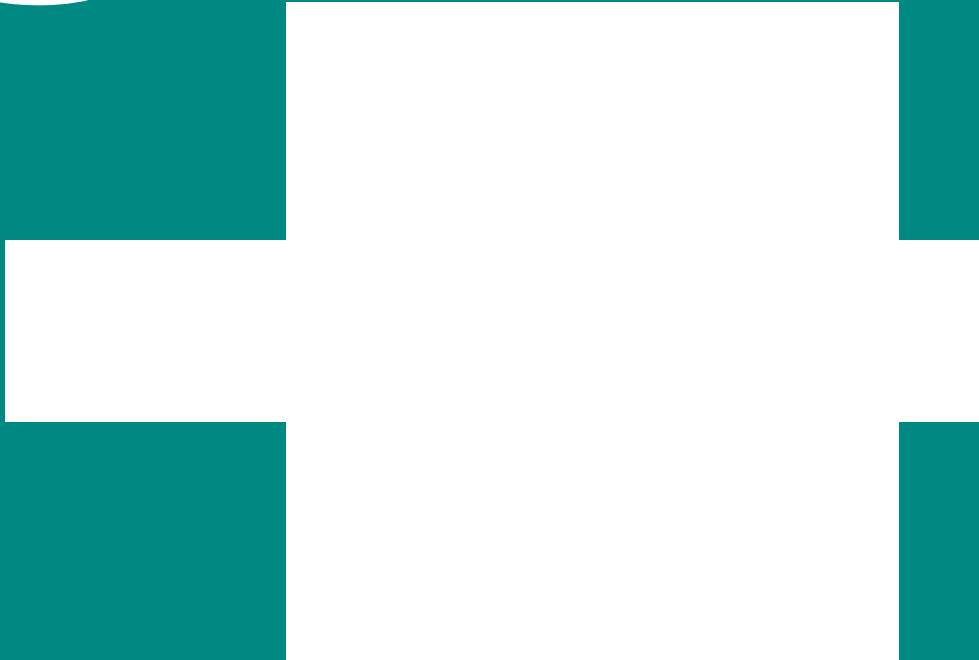
For more information, visit:  
[www.infineon.com/CY8CKIT-149](http://www.infineon.com/CY8CKIT-149)



**PSOC™ Rocks**



## CY8CKIT-149 PSOC™ 4100S Plus Prototyping Kit



Contents under the label