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Continuity of document content

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Continuity of ordering part numbers

Infineon continues to support existing part numbers. Please continue to use the ordering part numbers listed in the datasheet for ordering.

PSoC® 4500S PIONEER KIT



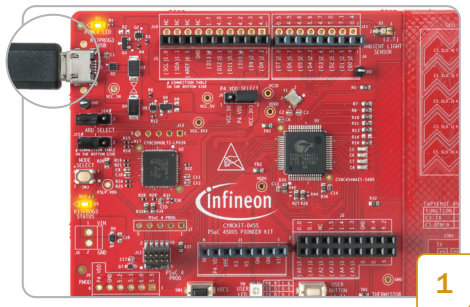
Kit Contents:

- 1 PSoC 4500S Pioneer board
- 2 USB Type-A to Micro-B cable
- 3 Six jumper wires (five inches each)
- 4 Quick Start Guide (this document)



www.cypress.com/CY8CKIT-045S

PSoC® 4500S PIONEER KIT

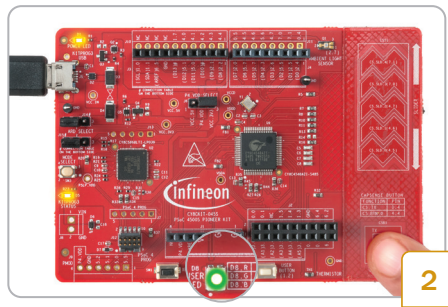


- Connect the board to your computer using the provided USB cable.

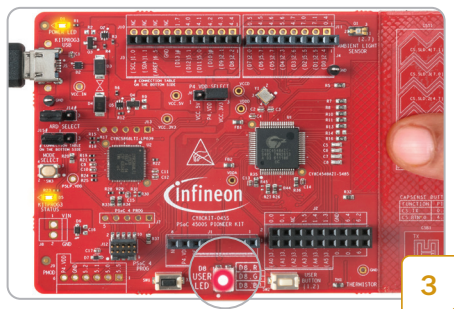
(Note: This demo does not require driver installation, but driver installation may occur in the background)

- Ensure the jumpers are in their default position, as follows:

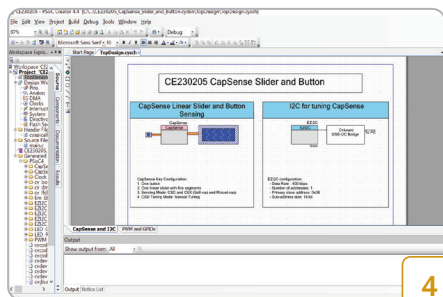
J6: 2-3, **J14:** 1-2, **J15:** 1-2.



- Put your finger on the CapSense® button and observe the user LED (D8) glowing green. Removing the finger will turn off the user LED.

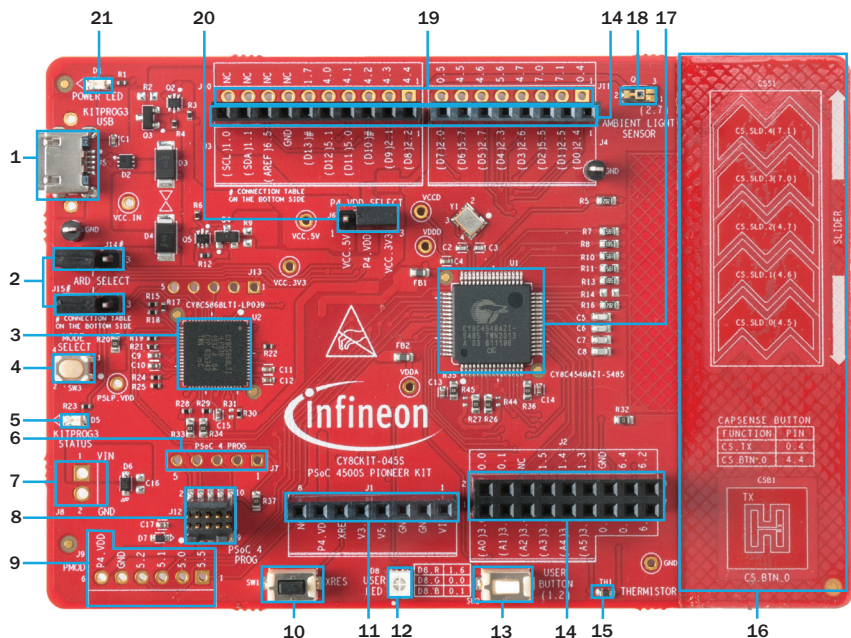


- Swipe your finger on the CapSense slider and observe the change in brightness of the red LED.



- Download and install the PSoC Creator IDE, and get the PSoC 4500S Pioneer Kit code examples, documents and hardware design files from www.cypress.com/CY8CKIT-045S.

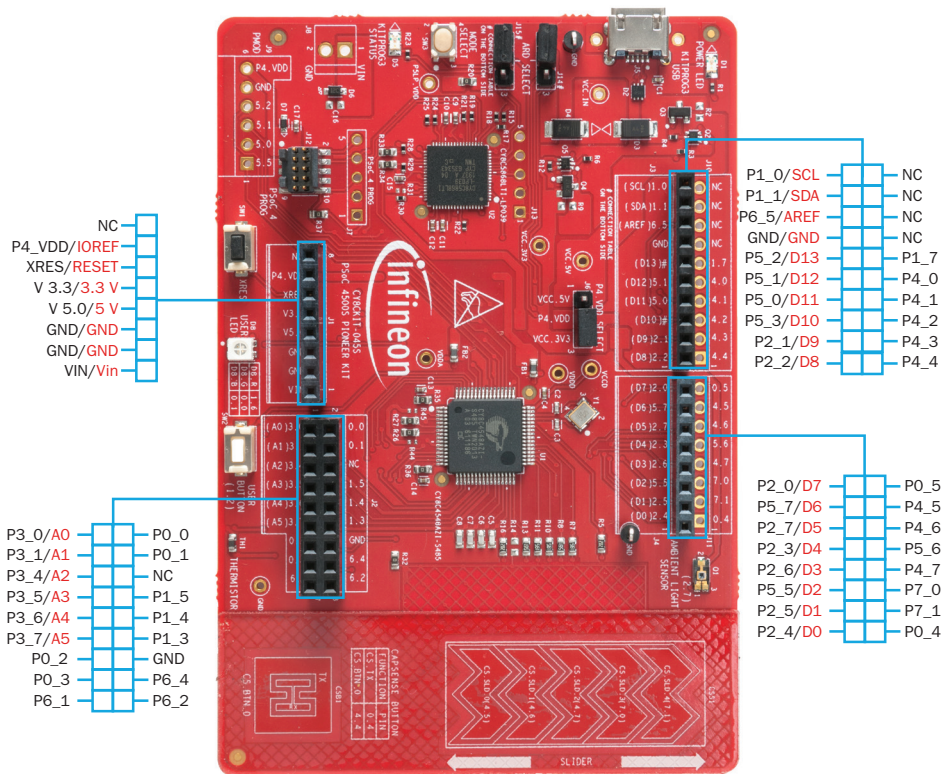
PSoC 4500S Pioneer Board Details



1. KitProg3 USB connector (J5)
2. Arduino™ select jumpers (J14, J15)
3. PSoC 5LP based KitProg3 programmer and debugger (CY8C5868LTI-LP039, U2)
4. KitProg3 programming mode selection button (SW3)
5. KitProg3 status LED (D5)
6. PSoC 4500S 5-pin SWD program and debug header (J7)*
7. External power supply connector (J8)*
8. PSoC 4500S 10-pin SWD program and debug connector (J12)
9. Pmod header (J9)*
10. Reset button (SW1)
11. Arduino™ UNO R3 compatible power header (J1)
12. User RGB LED (D8)
13. User button (SW2)
14. Arduino™ UNO R3 compatible I/O headers (J2, J3, J4)
15. Thermistor (TH1)
16. CapSense button and slider (CSB1 and CSS1)
17. PSoC 4500S (CY8C4548AZI-S485, U1)
18. Ambient light sensor (Q1)
19. PSoC 4500S extended I/O headers (J10, J11)*
20. PSoC 4500S power selection/current measurement jumper (J6)
21. Power LED (D1)

*Footprint only, not populated on the board

PSoC 4500S Pioneer Board Pinout Details



LEGEND

- Arduino Uno R3 I/Os
- PSoC 4500S I/Os

For the latest information about this kit, visit www.cypress.com/CY8CKIT-045S