PSoC® 62S2 Wi-Fi BT PIONEER KIT
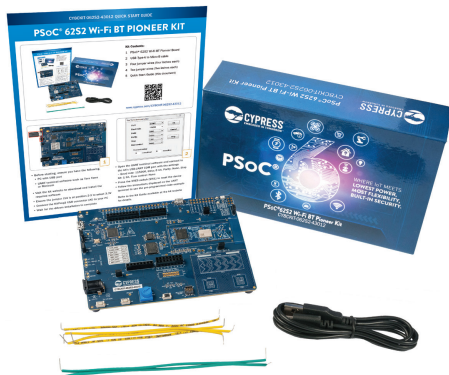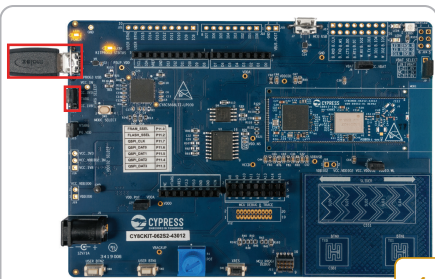
Kit Contents:
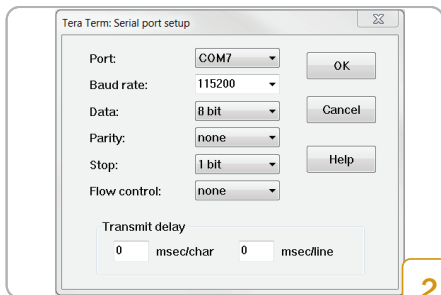
1 PSoC® 62S2 Wi-Fi BT Pioneer Board

2 USB Type-A to Micro-B cable

3 Four jumper wires (four inches each)

4 Two jumper wires (five inches each)

5 Quick Start Guide (this document)

www.cypress.com/CY8CKIT-062S2-43012
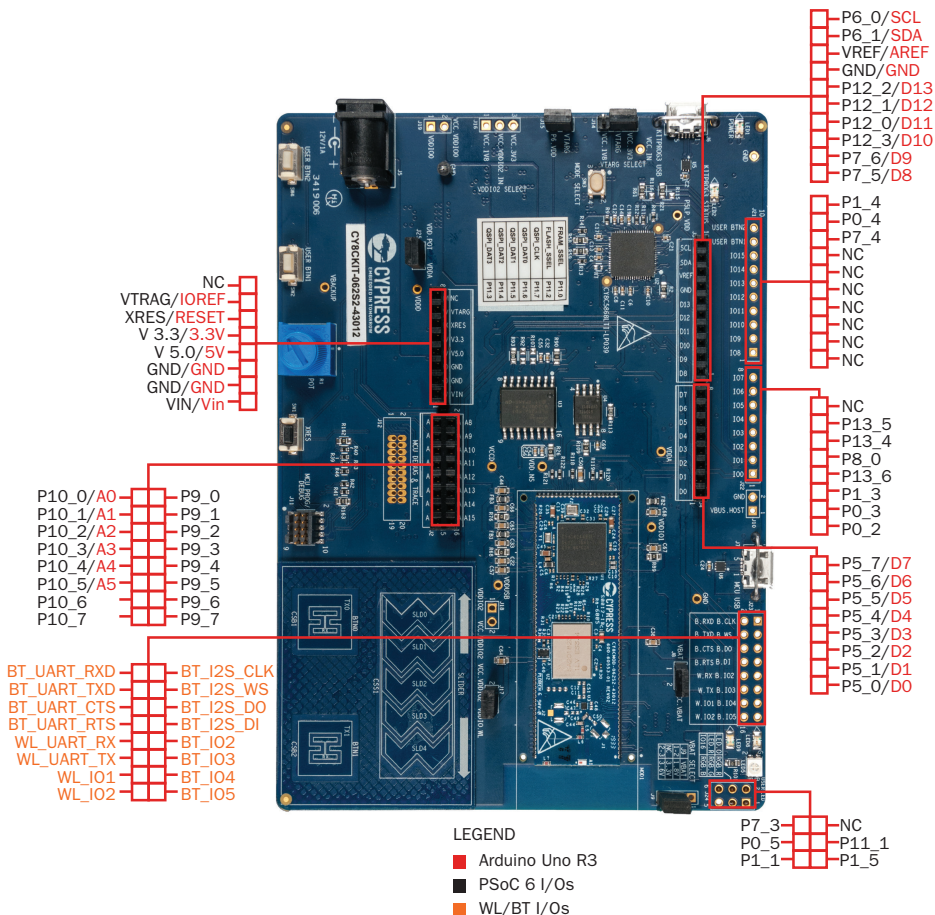
1

Tera Term: Serial port setup

Port:	COM7	OK
Baud rate:	115200	Cancel
Data:	8 bit	
Parity:	none	Help
Stop:	1 bit	
Flow control:	none	

Transmit delay

0 msec/char   0 msec/line

2

- **Before starting, ensure you have the following.**
  - **PC with USB port**
  - **UART terminal software such as Tera Term or Minicom**
- **Visit the kit website to download and install the required software**
- **Ensure the jumper J14 is at position 2-3 to select 3.3V**
- **Connect the KitProg3 USB connector (J6) to your PC**
- **Wait for the drivers installation to complete**

- **Open the UART terminal software and connect to the kit's USB-UART COM port with the settings – Baud rate: 115200, Data: 8 bit, Parity: None, Stop bit: 1 bit, Flow control: None**
- **Press the XRES switch (SW1) to reset the device**
- **Follow the instructions displayed on the UART terminal to use the pre-programmed code example**

  Refer to the Kit Guide available at the kit website for details.

PSoC 62S2 Wi-Fi BT Pioneer Kit Details

P6_0/SCL
P6_1/SDA
VREF/AREF
GND/GND
P12_2/D13
P12_1/D12
P12_0/D11
P12_3/D10
P7_6/D9
P7_5/D8

P1_4
P0_4
P7_4
NC
NC
NC
NC
NC
NC
NC

NC
VTRAG/IOREF
XRES/RESET
V 3.3/3.3V
V 5.0/5V
GND/GND
GND/GND
VIN/Vin

NC
P13_5
P13_4
P8_0
P13_6
P1_3
P0_3
P0_2

P10_0/A0   P9_0
P10_1/A1   P9_1
P10_2/A2   P9_2
P10_3/A3   P9_3
P10_4/A4   P9_4
P10_5/A5   P9_5
P10_6   P9_6
P10_7   P9_7

P5_7/D7
P5_6/D6
P5_5/D5
P5_4/D4
P5_3/D3
P5_2/D2
P5_1/D1
P5_0/D0

BT_UART_RXD   BT_I2S_CLK
BT_UART_TXD   BT_I2S_WS
BT_UART_CTS   BT_I2S_DO
BT_UART_RTS   BT_I2S_DI
WL_UART_RX   BT_IO2
WL_UART_TX   BT_IO3
WL_IO1   BT_IO4
WL_IO2   BT_IO5

LEGEND
- Arduino Uno R3
- PSoC 6 I/Os
- WL/BT I/Os

P7_3   NC
P0_5   P11_1
P1_1   P1_5

For the latest information about this kit, visit www.cypress.com/CY8CKIT-062S2-43012