



**THE DATASHEET OF
CYW920719B2Q40EVB-01**



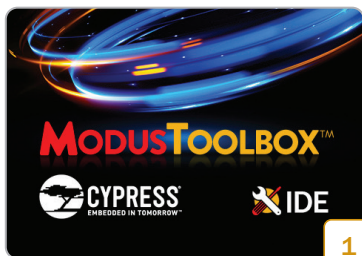
CYW920719B2Q40EVB-01 EVALUATION KIT



Kit Contents:

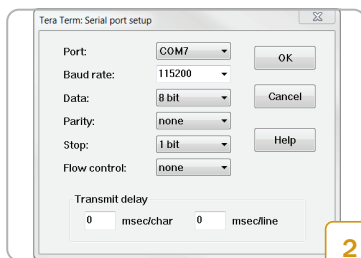
- 1 CYW920719B2Q40EVB-01 evaluation board
- 2 USB standard-A to micro-B cable
- 3 Quick start guide (this document)

www.cypress.com/CYW920719B2Q40EVB-01



1

1. Register on Cypress WICED Community and then download and install ModusToolbox 2.0 (or later) at www.cypress.com/modustoolbox
2. To learn more about this kit, refer to the kit user guide at www.cypress.com/CYW920719B2Q40EVB-01

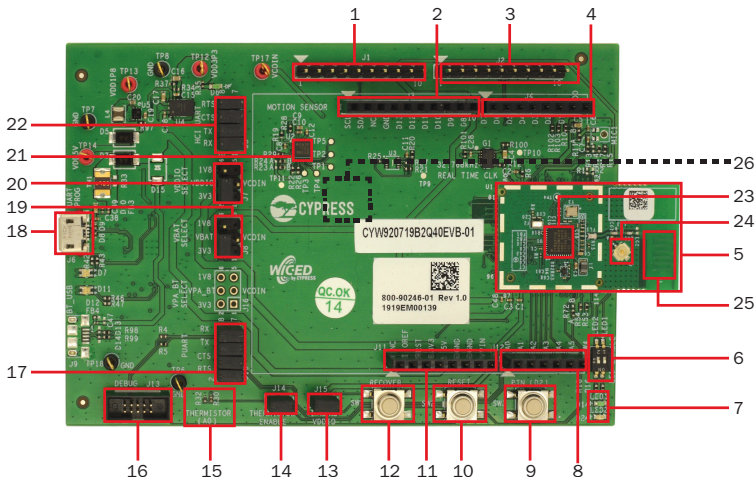


2

1. Plug the kit into a USB port on your computer.
2. Open a Terminal Emulator such as Tera Term and make settings as shown above. (The port may be different for your computer. Use the WICED Peripheral UART port number from the device manager.) The terminal window will display the thermistor resistance and the equivalent temperature.
(Note: The temperature is transmitted over Bluetooth LE every 5 seconds so you can also use any mobile app that supports the Environment Sensing profile to test this example project.)

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CYW920719B2Q40EVB-01 Evaluation Board Details



- | | |
|--------------------------------------------|----------------------------------------|
| 1. WICED Header (J1) | 14. Thermistor Enable Header (J14) |
| 2. Arduino Header (J3) | 15. Thermistor (R30) |
| 3. WICED Header (J2) | 16. Debug Header (J13) |
| 4. Arduino Header (J4) | 17. UART Header (J10) |
| 5. Carrier Module (U1) | 18. USB Connector (J6) |
| 6. LED Enable Switch (SW4) | 19. VBAT Select Header (J8) |
| 7. LEDs (D1 and D2) | 20. VDDIO Select Header (J7) |
| 8. Arduino Header (J12) | 21. Motion Sensor (U2) |
| 9. User Button (SW3) | 22. HCI UART Header (J5) |
| 10. Reset Button (SW2) | 23. CYW920719 (U1,U1) |
| 11. Arduino Header (J11) | 24. External Antenna Connector |
| 12. Recovery Button (SW1) | 25. PCB Antenna (A1) |
| 13. VDDIO Current Measurement Header (J15) | 26. Coin Cell Holder (ZB1-bottom side) |

For the latest information about this kit, visit www.cypress.com/CYW920719B2Q40EVB-01







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