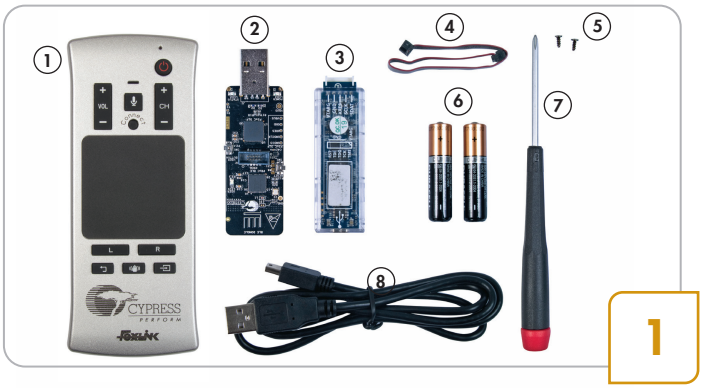
PRoC™ BLE REMOTE CONTROL REFERENCE DESIGN KIT



1

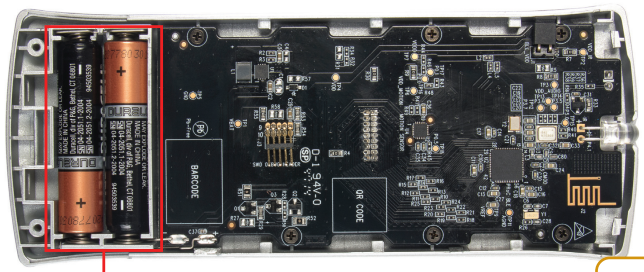
- Unpack the kit which includes: 1. PRoC™ BLE remote control, 2. CySmart™ USB dongle, 3. MiniProg3 programmer/debugger, 4. 10-pin ribbon cable, 5. Two M2 X 5 mm screws, 6. Two AAA batteries, 7. Phillips head screwdriver, 8. USB 2.0 standard-A to mini-B cable
- This guide explains how to evaluate the PRoC BLE remote control using any PC



2

- Connect the CySmart USB dongle to a USB port on a PC
- The red LED glows to indicate that the dongle is powered, the green LED glows to indicate that the enumeration has finished on the dongle side and the blue LED breathes slowly to indicate that dongle is scanning for the remote control

  Note: Time taken to complete enumeration on the PC, for the first time, depends on the driver installation time



Two AAA Batteries

3

- Open the back cover, insert the AAA batteries and move your finger on the trackpad of the PRoC BLE remote control
- The blue LED, on dongle, glows to indicate successful connection with the remote control



4

- Start using the PRoC BLE remote control with your PC

The PRoC BLE remote control features:

Bluetooth® 4.1-compliant Bluetooth Smart connectivity

Trackpad with two- and one-finger gestures

Microphone to capture and stream voice data

Six-axis motion sensing

Note: The color of the actual product may differ from the color shown in images herein

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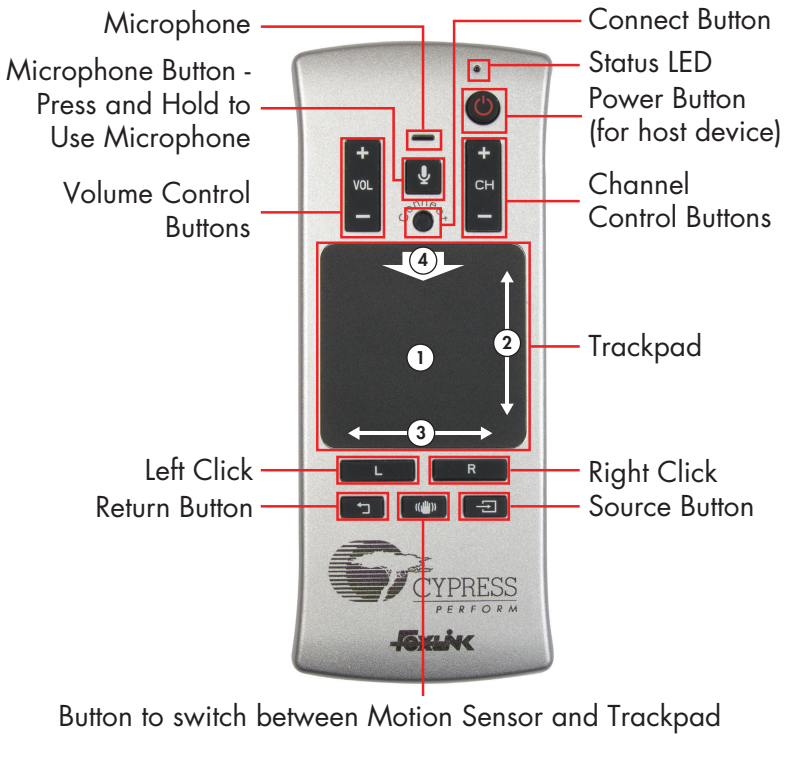

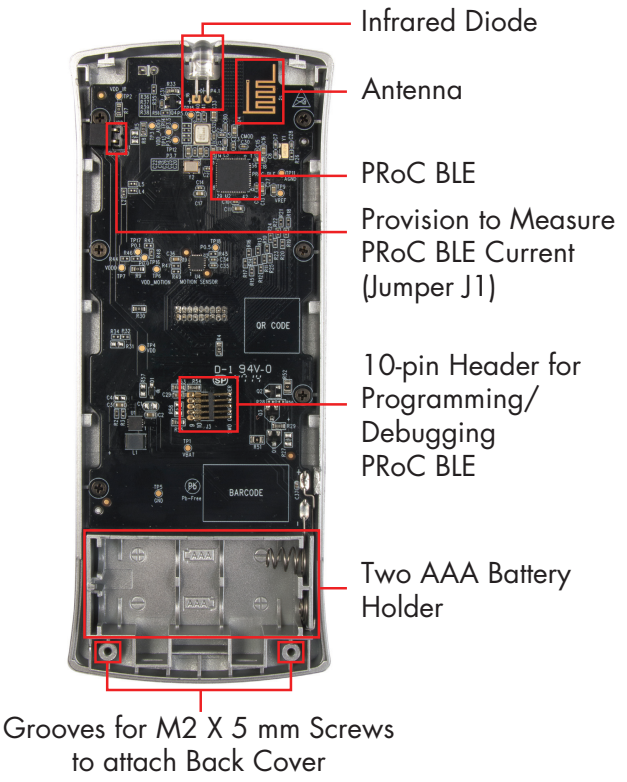

Note: There is no ON/OFF switch on the remote. Remove the jumper J1 to power off the remote if needed

The PRoC BLE remote control supports:

- Plug-and-play microphone functionality with the CySmart USB dongle (can be tested with any application like Sound Recorder on Windows)
- Trackpad with gestures (mapped to Windows functions for demonstration) like:
  - Finger tracking for cursor movement, one-finger tap for left click and two-finger tap for right click ①
  - Two-finger pinch in/out for zoom in/out ①
  - One-finger swipe at right and bottom edges for vertical and horizontal scrolling* respectively ② ③
  - One-finger swipe down on top edge to go to Start Screen (for Windows 8 and later) ④
- Six-axis motion sensing for cursor movement
- Buttons for left click, right click, volume control, power**, channel control**, return** and source** functions
- Bluetooth Smart and Infrared (IR) connectivity
- LED indications for low battery and connection status
- 10-pin header to enable programming and debugging using MiniProg3

The PRoC BLE remote control works with any Bluetooth Smart Ready HID-compatible device. For details, read the user guide available at www.cypress.com/CY5672

*Only for applications which support AC Pan usage

** These features can be evaluated using Cypress's CySmart™ tool available at www.cypress.com/CySmart

For the latest information about this kit and to download the kit installer with software and hardware files, visit www.cypress.com/CY5672

For the latest information on PRoC BLE, visit www.cypress.com/PRoCBLE

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