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Export Restrictions

This product has some level of export control/restriction, so may be delayed by 2-3 business days when shipping outside the United States. Contact us with questions, or we will contact you after you place your order.

Ubertooth One

WRL-10573

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Description: The Ubertooth One is an open source 2.4 GHz wireless development platform suitable for Bluetooth experimentation. Based on the powerful LPC175x ARM Cortex-M3 microcontroller with full-speed USB 2.0, the Ubertooth One is a great way to develop custom Class 1 comparable Bluetooth devices. The entire board is only****two and a half inches long with a USB-A connector at one end and an RP-SMA connector at the other.

One thing that sets the Ubertooth apart from other Bluetooth development platforms is that it's capable of not only sending and receiving 2.4 GHz signals, but can also operate in monitor mode, monitoring Bluetooth traffic in real-time. This operating mode has been present in low-cost WiFi modules for years and has found myriad uses in research, development and security auditing but no such solution existed for the Bluetooth standard until now. Also, because it's a fully open-source platform (software and hardware), the schematics and code are readily available for all of your hacking needs.

Features:

- 2.4 GHz Transmit and Receive.
- Transmit power and receive sensitivity comparable to a Class 1 Bluetooth device.
- Standard Cortex Debug Connector (10-pin 50-mil JTAG)

- In-System Programming (ISP) Serial Connector
- Expansion connector intended for inter-Ubertooth communication or other future uses.
- Six Indicator LEDs
- 2.4 GHz Duck Antenna Included

Note: In order to open the schematic and board design files found in the source package, you will need to download KiCad, an open source electronic design automation software package.

Dimensions: 61.75mm x 19mm (2.43" x 0.75")