



LM817 WiFi & Bluetooth HCI Combination USB Adapter

BT4.0 - Dual Mode (Classic + EDR & LE) Class 1+ WiFi 802.11n (b,g,n,d,e,h,i)

Product LM817
Part No 817-0655
Revised 26/JAN/2016



- RoHS & WEEE Compliant + Low Halogen Compliance
- Android 4.4 Compatible
- Linux Kernel v4.3.6 Compatible
- Support sophisticated Wi-Fi / BT coexistence mechanism

WiFi Features

- 1T1R, Supporting 150Mbps Bandwidth
- Support for the IEEE 802.11 b/g/n/d/e/h/i standards
- Enterprise level security - WPA/WPA2

Bluetooth Features

- Bluetooth 2.1 + EDR Class 1 - up to 3Mbps
- Supports Qualified Bluetooth 3.0
- Supports Qualified Bluetooth 4.0 Dual Mode (Classic & LE)
- Support Bluetooth adaptive power management mechanism Full speed Bluetooth Piconet and Scatternet supported

Overview

The LM817 Wireless combination adapter offers coexistence for Bluetooth and Wi-Fi operations. Simultaneously exchanging data when connected to independent applications, via its USB interface to host system.

Compliant to; IEEE 802.11b/g/n/d/e/h/i standards, Bluetooth v2.1, (EDR), v3.0 and v4.0 (Dual Mode) standards. It supports WLAN up-to 150Mbps via 1T1R RF output and can support Bluetooth Link Manager, Link Layer and Low Energy Link Layer.

LM817 provides a complete solution for a wireless coexistence applications which require high throughput, and quality performance for WLAN and Bluetooth connections.

Certification

LM will look to complete initial certification early 2016. Our first certifications will be for US (FCC part 15b), Canada (IC) and EU Certificate of Compliance (RTT&E). Bluetooth SIG QDID listing for a EPL is also aimed for release early 2016. Additional country certifications will be added as sales demand.

LM has certified products in over 40 countries with a network of local representatives, enabling fast certification within these countries. Please ask for further details.



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Packaging Options

Individual
Part No 817-0655

1 x LM817 WiFi & Bluetooth Combi Adapter RTL8723BU

- User Guides, Manuals and Configuration Software for our products are available to download via the website - <http://www.lm-technologies.com/downloads>

Dimensions

