



WM825B00-EVK3

Single-Band (2.4 GHz) Wi-Fi 802.11b/g/n
with integrated chip antenna & u.FI connector
Module Evaluation Kit

FCC CE IC RoHS

2107 N 1st Street, Suite 680
San Jose, CA 95131 USA
Website: www.wi2wi.com

Email: sales@wi2wi.com
Phone: +1-408-416-4200
Fax: +1-408-416-4201



Description

WM825B00 from Wi2Wi's Maximum Performance series is a single band 2.4 GHz, 802.11b/g/n, 1x1 SISO Wi-Fi Module. WM825B00 is integrated with a chip antenna and an u.FI connector and supports antenna diversity. WM825B00 is a highly integrated wireless subsystem with MAC, baseband, RF front-end, PA, crystal, switch, filter and OTP memory for calibration data and MAC address storage and offers SDIO 2.0 and USB 2.0 host interfaces for easy connection to all leading 32 bit processors running Linux and Android operating systems. The ultra-small form factor WM825B00 gives Industry's Best in class performance for very high throughput (VHT), high transmit (Tx) power, excellent receive (Rx) sensitivity and supports deep sleep and standby modes for low power operation. The highly integrated WM825B00 provides all necessary circuitry for a complete 2.4 GHz, 802.11 b/g/n Wi-Fi connectivity solutions requiring no other external components other than power supply. WM825B00 is FCC, CE and IC certified and comes in various operating temperatures.

Instructions

- The Evaluation board shipped is configured in USB mode by default. Connect the USB cable provided in the kit to the USB port on the Evaluation board.
- Use a SDIO compatible PC/LAPTOP/HOST Platform to evaluate the module in SDIO mode. Please refer the EVK user guide to configure SDIO mode.
- Sign on to extranet (<http://wi2wi.com/mgr/>) to download the software drivers and all related collaterals.
- For Extranet access please contact us at sales@wi2wi.com
- For any further technical clarifications or issues, please contact <http://www.wi2wi/support/technical-support/> or email us at support@wi2wi.com

Kit Contents

- WM825B00 Evaluation Board
- u.FI connector (Pigtail)
- 2.4GHz SMA type Rubber duck Antenna
- Micro USB cable

Part Order Options

Part Number	Description	Operating Temperature	Packaging
WM825B00-C3QT	Wi-Fi Module 802.11 b/g/n	(0°C to +70°C)	Tray
WM825B00-C3QR	Wi-Fi Module 802.11 b/g/n	(0°C to +70°C)	Tape & Reel
WM825B00-E3QT	Wi-Fi Module 802.11 b/g/n	(-30°C to +85°C)	Tray
WM825B00-E3QR	Wi-Fi Module 802.11 b/g/n	(-30°C to +85°C)	Tape & Reel
WM825B00-I3QT	Wi-Fi Module 802.11 b/g/n	(-40°C to +85°C)	Tray
WM825B00-I3QR	Wi-Fi Module 802.11 b/g/n	(-40°C to +85°C)	Tape & Reel

Evaluation/Development Kits

Part Number	Description
WM825B00-EVK3	WM825B00-I3 Module on Evaluation Board, 2.4 GHz Rubber-Duck Antenna and USB-A/Micro-AB Cable
WM825B00-DVK3	WM825B00-EVK3 and i.MX6 Development Platform with all needed software for application development

Contact Us

Sales : sales@wi2wi.com
Support : support@wi2wi.com

Documents & Drivers : <http://www.wi2wi.com/mgr>
Website : <http://www.wi2wi.com>

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