Type 1AD Certified with Ayla IoT Cloud software

Order Number LBWB1ZZ1AD

- 2.4GHz Wi-Fi Module
- Network Topology: STA mode
- Chipset: Broadcom BCM4390
- Processor: ARM Coretex M3
- Modulation: DSSS / CCK / OFDM



Recommended In Production

Add to Compare List

Description **Specs**

Product Type	Module
Grade	Consumer
Frequency	2.4GHz
Frequency MHz (min)	2400
Frequency MHz (max)	2483.5
Chipset	Broadcom BCM4390
Processor	ARM Coretex M3
Modulation	DSSS / CCK / OFDM
Antenna	On-board
RF Conn/ Antenna	PCB Antenna
Operating Temperature Range	-30 to +85
Operating Temperature °C (min)	-30
Operating Temperature °C (max)	85
Mounting Type	Connector Mount
Package	Connector
Dimension	33.0 x 18.0 x 2.5 mm
Supply Voltage min	3.13
Supply Voltage max	3.46
Transmit Power	+17 dBm / 11Mbps +13 dBm / 54Mbps +12 dBm / 65Mbps
Receiver Sensitivity	-88 dBm / 11Mbps -75 dBm / 54Mbps -73 dBm / 65Mbps
Transmit Mode Current	240mA / 11Mbps 200mA / 54Mbps 200mA / 65Mbps
Receive Mode Current	60mA
Data Rate WLAN	11, 54, 65 Mbps
Bluetooth	No
WLAN	802.11b/g/n
Technology	Wi-Fi
Network	STA mode
Host Interface	UART
I/O Interface	GPIO
Host Interface Other	No
Interface Voltage (Vdc for VIO)	3.3
FCC/IC Certified	Yes
ETSI Certified	FCC/IC Certified

RoHs Compliant	Yes
ISO9001	No
TS16969	No
Certification	● CE (Europe) EN 300328 V1.8.1 Conducted Test Report available Note: CE marking and declaration should be done by customer as a final product.