



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 ?



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[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	<ul style="list-style-type: none">• CE (Europe) EN 300328 V1.8.1 <p>Conducted Test Report available</p> <p>Note: CE marking and declaration should be done by customer as a final product.</p>