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INNOVATOR IN ELECTRONICS

Wireless Part Number Search

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Type 1AD for Ayla IoT Cloud software

Order Number LBWA1CS1AD

Shielded Ultra Small WiFi 11b/g/n+MCU Module with Cloud Agent

- 2.4GHz WiFi MCU Module
- Chipset: Cypress (CYW4390)
- Processor: ARM Cortex-M3
- FCC/IC "Reference" Certified
- Modulation: DSSS / CCK / OFDM

Supporting Ayla Networks software platform

- For Industrial IoT, Smart Home, Sensor Network
- Pre-loaded Ayla Cloud Agent
- Learn more about Ayla IoT Platform on Murata Plus

To be discontinued ?

Replacement Part: type-1ld-ayla

Contact Us   ADD TO COMPARE LIST

| Description | **Specs** | Software | Block Diagram | Purchase |

Annual Volume	100,000
Product Type	MCU Module
Product Status	to be discontinued
Grade	Consumer
Frequency	2.4GHz
Frequency MHz (min)	2400
Frequency MHz (max)	2483.5
Chipset	Cypress (CYW4390)
Processor	ARM Cortex-M3
Modulation	DSSS / CCK / OFDM
Embedded Stack	Yes
Antenna	External
RF Conn/ Antenna	Not Included
Sleep Clock	No
System Clock	Internal X'tal
Operating Temperature Range	-30 to +85
Operating Temperature °C (min)	-30
Operating Temperature °C (max)	85
Mounting Type	SMT
Package	LGA
Dimension	9.4 x 8.9 x 1.2 mm
Supply Voltage (Vdc)	3.3
Supply Voltage min	3.13
Supply Voltage max	3.46
Transmit Power	+17dBm @ 11Mbps +13dBm @ 54Mbps +12dBm @ 65Mbps
Receiver Sensitivity	-88dBm @ 11Mbps -75dBm @54Mbps -73dBm @65Mbps
Transmit Mode Current	240mA @ 11Mbps 200mA @ 54Mbps 200mA @ 65 Mbps
Receive Mode Current	60mA
Data Rate WLAN	11, 54, 65 Mbps
Bluetooth	No
WLAN	802.11b/g/n
Technology	WiFi
Host Interface	UART
I/O Interface	GPIO
Interface Voltage (Vdc for VIO)	3.3
FCC/IC Certified	FCC/IC "Reference" Certified

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WiFi/Bluetooth Modules for NXP i.MX

LoRa Modules

MICS Band Modules

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LPWA Cellular IoT Modules

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HyperMesh / FHSS

MICS Band Modules

ETSI Certified	Yes
ISO9001	Yes
TS16969	No
Certification	

CE (Europe) EN 300328 V2.1.1

Conducted Test Report available

Note: CE marking and declaration should be done by customer as a final product.

ETSI Certified   Yes
ISO9001   Yes
TS16969   No
Certification

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