



Image may be representation.
See specifications for product details.



ATWINC1500-MR210PA

Manufacturer Part Number	ATWINC1500-MR210PA
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATWINC1500-MR210PA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	RF TXRX MODULE WIFI TRACE ANT
Package	28-SMD Module
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATWINC1500-MR210PA - Microchip Technology. New Original in Stock. Download Linear Technology ATWINC1500-MR210PA datasheet/specifications on AllelcoElec.com. Request a quote for ATWINC1500-MR210PA, please send us email: info@allelco.com

Specifications

ATWINC1500-MR210PA Tech Specifications
ATWINC1500-MR210PA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-40°C ~ 85°C
Voltage - Supply	2.7V ~ 3.6V	Mounting Type	Surface Mount
Utilized IC / Part	-	Modulation	16-QAM, 64-QAM, BPSK, CCK, DBPSK, DQPSK, OFDM, QPSK
Series	-	Memory Size	4MB Flash, 128kB ROM, 64kB RAM
Serial Interfaces	I ² C, SPI, UART	Frequency	2.4GHz
Sensitivity	-98dBm	Firmware Version	19.4.4
RF Family/Standard	WiFi	Data Rate	72.2Mbps
Protocol	802.11b/g/n	Current - Transmitting	29mA ~ 230mA
Power - Output	19dBm	Current - Receiving	29mA ~ 68mA
Package / Case	28-SMD Module	Base Product Number	ATWINC1500
Package	Tray	Antenna Type	Integrated, Trace

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATWINC1500-MR210PA

Product Attribute				
Part Number	ATWINC1500-MR210PA	ATWILC3000-MR110CA	ATWILC1000-MR110PA	ATWINC1500-MR210PB
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Package / Case	28-SMD Module	Module	Module	Module
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Serial Interfaces	I ² C, SPI, UART	I ² C, SPI, UART	I ² C, SDIO, SPI, UART	I ² C, SPI, UART
Current - Receiving	29mA ~ 68mA	68mA	29mA ~ 68mA	61mA
Utilized IC / Part	-	-	-	-
Modulation	16-QAM, 64-QAM, BPSK, CCK, DBPSK, DQPSK, OFDM, QPSK	-	16QAM, 64QAM, BPSK, CCK, DBPSK, DQPSK, DSSS, OFDM, QPSK	16-QAM, 64-QAM, BPSK, CCK, DBPSK, DQPSK, OFDM, QPSK
Frequency	2.4GHz	2.4GHz	2.412GHz ~ 2.4835GHz	2.4GHz
Base Product Number	ATWINC1500	ATWILC3000	-	ATWINC1500
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Output	19dBm	19dBm	19dBm	18.5dBm
Voltage - Supply	2.7V ~ 3.6V	1.62V ~ 3.6V	3V ~ 4.2V	2.7V ~ 3.6V
Data Rate	72.2Mbps	72Mbps	72.2Mbps	72.2Mbps
Firmware Version	19.4.4	-	-	19.4.4
Sensitivity	-98dBm	-98dBm	-98dBm	-95dBm
Memory Size	4MB Flash, 128kB ROM, 64kB RAM	-	128kB ROM, 224kB RAM	4MB Flash, 128kB RAM
Current - Transmitting	29mA ~ 230mA	230mA	29mA ~ 230mA	265mA
Antenna Type	Integrated, Trace	Integrated, Chip	Integrated, Trace	Integrated, Trace
Package	Tray	Tray	Tray	Tray
Series	-	-	-	-
Protocol	802.11b/g/n	802.11b/g/n, Bluetooth v5.0	802.11b/g/n	802.11b/g/n
RF Family/Standard	WiFi	Bluetooth, WiFi	WiFi	WiFi

ATWINC1500-MR210PA Datasheet PDF

Download ATWINC1500-MR210PA pdf datasheets and Microchip Technology documentation for ATWINC1500-MR210PA - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

PCN Part Status Change

2.73KHz.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Obsolescence/ EOL

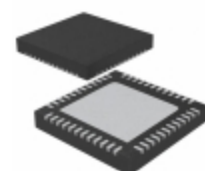
Cylindrical Battery Holders.pdf

Customers Also Interested in

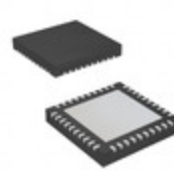
Recommended Products



ATWILC3000-MR110CA
Microchip Technology
RF TXRX MODULE WIFI CHIP SMD



ATWINC3400A-MU-T
Microchip Technology
IC RF TXRX+MCU BLUETOOTH 48VFQFN



ATWILC1000A-MU-Y
Microchip Technology
IC RF TXRX+MCU WIFI 40VFQFN



ATWILC1000-MR110PA
Atmel
MICROPROCESSOR CIRCUIT, CMOS



ATWINC1500-MR210PB
Microchip Technology
RF TXRX MOD WIFI TRACE ANT SMD



ATWILC1000-MR110PB
Microchip Technology
RF TXRX MOD WIFI TRACE ANT SMD



ATWINC1500-XPRO
Microchip Technology
ATWINC1500 EXTENSION BOARD



ATWILC1000-MR110PA
Microchip Technology
RF TXRX MODULE WIFI TRACE ANT



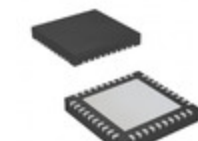
ATWILC1000-MR1100A
Microchip Technology
IC RF TXRX+MCU WIFI MODULE



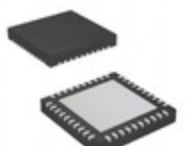
ATWINC1500-MR210PB1961
Microchip Technology
RF TXRX MOD WIFI TRACE ANT SMD



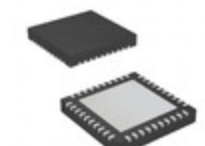
ATWINC1500-MR210PA
Atmel
MICROPROCESSOR CIRCUIT, CMOS



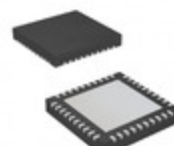
ATWILC1000B-MU-T
Microchip Technology
IC RF TXRX+MCU WIFI 40VFQFN



ATWINC1500B-MU-T
Microchip Technology
IC RF TXRX+MCU WIFI 40VFQFN



ATWINC1500A-MU-T
Microchip Technology
IC RF TXRX+MCU WIFI 40VFQFN



ATWINC1500B-MU-Y
Microchip Technology
IC RF TXRX+MCU WIFI 40VFQFN



ATWINC1500-MR210PB1954
Microchip Technology
RF TXRX MOD WIFI TRACE ANT SMD



ATWINC1500-MR210UB1954
Microchip Technology
RF TXRX MOD WIFI CHIP + U.FL SMD



ATWINC3400-MR210CA122
Microchip Technology
RF TXRX MODULE WIFI CHIP SMD

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



View More

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