



Image may be representation.  
See specifications for product details.



## ATZB-24-A2R

Manufacturer Part Number	<b>ATZB-24-A2R</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-ATZB-24-A2R
ECAD Model	Request Free CAD Models
Parts Description	RF TXRX MODULE 802.15.4 CHIP SMD
Package	PCB Module
Data sheet	<b>ATZB-24-A2/B0 Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ATZB-24-A2R - Microchip Technology. New Original in Stock. Download Linear Technology ATZB-24-A2R datasheet/specifications on AllelcoElec.com.  
Request a quote for ATZB-24-A2R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ATZB-24-A2R Tech Specifications  
ATZB-24-A2R - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	1.8V ~ 3.6V	Operating Temperature	-20°C ~ 70°C
Utilized IC / Part	AT86RF230	Mounting Type	Surface Mount
Series	ZigBit™	Modulation	-
Serial Interfaces	I²C, JTAG, SPI, UART, USART	Memory Size	128kB Flash, 4kB EEPROM, 8kB RAM
Sensitivity	-101dBm	Frequency	2.4GHz
RF Family/Standard	802.15.4	Data Rate	250kbps
Protocol	Zigbee®	Current - Transmitting	20.8mA
Power - Output	3dBm	Current - Receiving	21.8mA
Package / Case	PCB Module	Antenna Type	Integrated, Chip

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATZB-24-A2R

Product Attribute				
Part Number	ATZB-24-A2R	<b>ATZB-A24-U0BR</b>	<b>ATZB-24-B0</b>	<b>ATZB-900-B0R</b>
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Current - Transmitting	20.8mA	183.5mA	20.8mA	20mA
Power - Output	3dBm	20dBm	3dBm	11dBm
Modulation	-	-	-	BPSK, O-QPSK
Serial Interfaces	I²C, JTAG, SPI, UART, USART	I²C, JTAG, SPI, UART, USART	I²C, JTAG, SPI, UART, USART	I²C, JTAG, SPI, UART, USART
Package	Tape & Reel (TR)	Tape & Reel (TR)	Box	Tape & Reel (TR)
Operating Temperature	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Sensitivity	-101dBm	-101dBm	-101dBm	-110dBm
RF Family/Standard	802.15.4	802.15.4	802.15.4	802.15.4
Frequency	2.4GHz	2.4GHz	2.4GHz	783MHz, 868MHz, 915MHz
Voltage - Supply	1.8V ~ 3.6V	3V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Memory Size	128kB Flash, 4kB EEPROM, 8kB RAM	128kB Flash, 4kB EEPROM, 8kB RAM	128kB Flash, 4kB EEPROM, 8kB RAM	128kB Flash, 4kB EEPROM, 8kB RAM
Data Rate	250kbps	250kbps	250kbps	250kbps
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protocol	Zigbee®	Zigbee®	Zigbee®	Zigbee®
Antenna Type	Integrated, Chip	Antenna Not Included	Antenna Not Included, SMA	Antenna Not Included, RP-SMA
Package / Case	PCB Module	Module	PCB Module	PCB Module
Utilized IC / Part	AT86RF230	AT86RF230	AT86RF230	MKW22D512V
Current - Receiving	21.8mA	39.5mA	21.8mA	15mA
Series	ZigBit™	ZigBit™	ZigBit™	ZigBit™

### ATZB-24-A2R Datasheet PDF

Download ATZB-24-A2R pdf datasheets and Microchip Technology documentation for ATZB-24-A2R - Microchip Technology.

#### Datasheets

[ATZB-24-A2/B0 Datasheet.pdf](#)

#### PCN Packaging

[MBB/Label Chgs 16/Nov/2018.pdf](#)

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

#### PCN Obsolescence/ EOL



## Customers Also Interested in

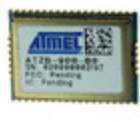
### Recommended Products



**ATZB-A24-U0BR**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMD



**ATZB-24-B0**  
Atmel  
TELECOM CIRCUIT, 1-FUNC



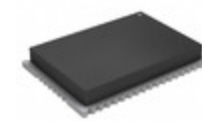
**ATZB-900-B0R**  
Microchip Technology  
RF TXRX MOD 802.15.4 RP-SMA SMD



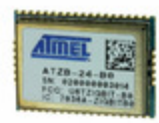
**ATZB-900-B0**  
Atmel  
802.15.4 LR WPAN 928MHZ 250KBPS



**ATZB-RF-233-1-C**  
Microchip Technology  
RF TXRX MODULE 802.15.4 CHIP SMD



**ATZB-900-B0**  
Microchip Technology  
RF TXRX MOD 802.15.4 RP-SMA SMD



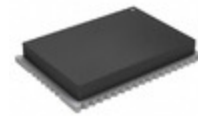
**ATZB-24-B0R**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMA SMD



**ATZB-A24-UFL**  
Microchip Technology  
RF TXRX MODULE 802.15.4 U.FL SMD



**ATZB-A24-U0**  
Atmel  
ZIGBIT 2.4 GHZ AMPLIFIED WIRELES



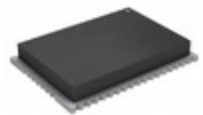
**ATZB-24-B0**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMA ANT



**ATZB-A24-U0R**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMD



**ATZB-A24-U0B**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMD



**ATZB-24-A2**  
Microchip Technology  
RF TXRX MODULE 802.15.4 CHIP SMD



**ATZB-A24-UFLB**  
Microchip Technology  
RF TXRX MODULE 802.15.4 U.FL SMD



**ATZB-A24-UFLR**  
Microchip Technology  
RF TXRX MODULE 802.15.4 U.FL SMD



**ATZB-900--B0BR**  
Atmel (Microchip Technology)



**ATZB-A24-U0**  
Microchip Technology  
RF TXRX MODULE 802.15.4 SMD



**ATZB-A24-UFLBR**  
Microchip Technology  
RF TXRX MODULE 802.15.4 U.FL 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 Alleco 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

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## Certifications & Memberships



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