

Image may be representation.
See specifications for product details.



ATA5428-PLQW

Manufacturer Part Number	ATA5428-PLQW
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATA5428-PLQW
ECAD Model	Request Free CAD Models
Parts Description	IC RF TXRX ISM<1GHZ 48VFQFN
Package	48-VFQFN Exposed Pad
Data sheet	ATA542x.pdf ATA542x Flyer.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATA5428-PLQW - Microchip Technology. New Original in Stock. Download Linear Technology ATA5428-PLQW datasheet/specifications on AllelcoElec.com. Request a quote for ATA5428-PLQW, please send us email: info@allelco.com

Specifications

ATA5428-PLQW Tech Specifications

ATA5428-PLQW - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Supply	2.4V ~ 3.6V	Operating Temperature	-40°C ~ 85°C
Type	TxRx Only	Mounting Type	Surface Mount
Supplier Device Package	48-VQFN (7x7)	Modulation	ASK, FSK
Series	-	Memory Size	-
Serial Interfaces	SPI	Frequency	433MHz, 868MHz
Sensitivity	-116.5dBm	Data Rate (Max)	20kBaud
RF Family/Standard	General ISM < 1GHz	Current - Transmitting	6.5mA ~ 17.3mA
Protocol	-	Current - Receiving	10.3mA ~ 10.5mA
Power - Output	10dBm	Base Product Number	ATA5428
Package / Case	48-VFQFN Exposed Pad		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATA5428-PLQW

Product Attribute				
Part Number	ATA5428-PLQW	ATA5428C-PLQW	ATA5428C-PLQW-1	ATA5293
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Atmel (Microchip Technology)
Power - Output	10dBm	10dBm	10dBm	-
Sensitivity	-116.5dBm	-116.5dBm	-116.5dBm	-
Protocol	-	-	-	-
Base Product Number	ATA5428	ATA5428	ATA5428	-
RF Family/Standard	General ISM < 1GHz	General ISM < 1GHz	General ISM < 1GHz	-
Current - Transmitting	6.5mA ~ 17.3mA	6.5mA ~ 17.3mA	6.5mA ~ 17.3mA	-
Current - Receiving	10.3mA ~ 10.5mA	10.3mA ~ 10.5mA	10.3mA ~ 10.5mA	-
Data Rate (Max)	20kBaud	20kbps	20kbps	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Frequency	433MHz, 868MHz	433MHz, 868MHz	433MHz, 868MHz	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Type	TxRx Only	TxRx Only	TxRx Only	-
Modulation	ASK, FSK	ASK, FSK	ASK, FSK	-
Serial Interfaces	SPI	SPI	SPI	-
Voltage - Supply	2.4V ~ 3.6V	2.4V ~ 3.6V, 4.4V ~ 6.6V	2.4V ~ 3.6V, 4.4V ~ 6.6V	-
Memory Size	-	-	-	-
Package / Case	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	-
Supplier Device Package	48-VQFN (7x7)	48-VQFN (7x7)	48-QFN (7x7)	-

ATA5428-PLQW Datasheet PDF

Download ATA5428-PLQW pdf datasheets and Microchip Technology documentation for ATA5428-PLQW - Microchip Technology.

PCN Packaging

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

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












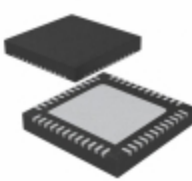





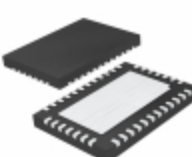
HTML Datasheet

[ATA542x.pdf](#)

[ATA542x Flyer.pdf](#)

Customers Also Interested in

Recommended Products

					
ATA5293 Atmel (Microchip Technology)	ATA5428C Atmel (Microchip Technology)	ATA5291-GJQW Atmel (Microchip Technology)	ATA5350 Atmel (Microchip Technology)	ATA5551M-PPMY Microchip Technology RFID TAG R/W 125KHZ ENCAP	ATA5570 AT
					
ATA5292C-PLQW Atmel (Microchip Technology)	ATA5350-7MQW-VAO Atmel (Microchip Technology)	ATA5551M-PPMY1 Micrel / Microchip Technology	ATA5291N Atmel (Microchip Technology)	ATA5291N-GJQW Atmel (Microchip Technology)	ATA5428C-PLQW Microchip Technology IC RF TXXR ISM<1GHZ 48VQFN
					
ATA5428P-PLQW Atmel (Microchip Technology)	ATA5428C-PLQW-1 Microchip Technology IC RF TXXR ISM<1GHZ 48VQFN	ATA5293-GJQW Atmel (Microchip Technology)	ATA5292C Atmel (Microchip Technology)	ATA5428 Atmel (Microchip Technology)	ATA5505-P3QW Microchip Technology IC RFID READER 125KHZ 38VQFN

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

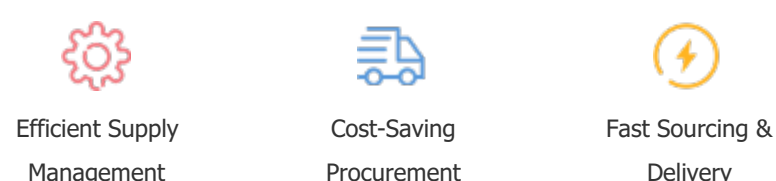
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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