



Image may be representation.  
See specifications for product details.



## U2270B-MFPY

Manufacturer Part Number	<b>U2270B-MFPY</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-U2270B-MFPY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC RFID READER 100-150KHZ 16SO
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>U2270B.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

U2270B-MFPY - Microchip Technology. New Original in Stock. Download Linear Technology U2270B-MFPY datasheet/specifications on AllelcoElec.com. Request a quote for U2270B-MFPY, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

U2270B-MFPY Tech Specifications

U2270B-MFPY - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package / Case	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply	8V ~ 16V	Package	Tube
Type	RFID Reader	Operating Temperature	-40°C ~ 105°C
Supplier Device Package	16-SO	Mounting Type	Surface Mount
Standards	-	Interface	-
Series	U2270B	Frequency	100kHz ~ 150kHz

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology U2270B-MFPY

Product Attribute				
Part Number	U2270B-MFPY	ATA5702F1000M-WDQW	MN63Y1212-E1	ST25RU3993-BQFT
Manufacturer	Microchip Technology	Microchip Technology	Panasonic Electronic Components	STMicroelectronics
Interface	-	SPI	UART	-
Standards	-	-	ISO 14443	EPC, ISO 18000-6
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply	8V ~ 16V	-	1.7V ~ 3.6V	2.7V ~ 3.6V
Operating Temperature	-40°C ~ 105°C	-40°C ~ 85°C	-20°C ~ 85°C	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	RFID Reader	Passive Entry/Start	RFID Reader	RFID Reader
Supplier Device Package	16-SO	-	8-SON (2x2)	48-QFN (7x7)
Frequency	100kHz ~ 150kHz	-	13.56MHz	860MHz ~ 960MHz
Series	U2270B	-	-	ST25R
Package / Case	16-SOIC (0.154", 3.90mm Width)	-	8-XDFN Exposed Pad	48-VFQFN Exposed Pad

### U2270B-MFPY Datasheet PDF

Download U2270B-MFPY pdf datasheets and Microchip Technology documentation for U2270B-MFPY - Microchip Technology.

#### Datasheets

[U2270B.pdf](#)

#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products

<b>ATA5702F1000M-WDQW</b> Microchip Technology IC PASS ENTRY 32VQFN	<b>MN63Y1212-E1</b> Panasonic Electronic Components IC RFID READER 13.56MHZ 8SON	<b>ST25RU3993-BQFT</b> STMicroelectronics IC RFID READER 860-960MHZ 48QFN	<b>ATA5505-P3QW</b> Microchip Technology IC RFID READER 125KHZ 38VQFN	<b>U2200B</b> TFK	<b>ATA5575M1330-DDB</b> Microchip Technology IC RFID TRANSP 100-150KHZ WAFER
<b>U2270B</b> Atmel (Microchip Technology)	<b>M24LR04E-RDW6T/2</b> STMicroelectronics IC RFID TRANSP 13.56MHZ 8TSSOP	<b>U2223B</b> Atmel (Microchip Technology)	<b>PN7150B0HN/C11002E</b> NXP USA Inc. IC RFID READER 13.56MHZ 40HVQFN	<b>U2270B-MFPG3Y</b> Microchip Technology IC RFID READER 100-150KHZ 16SO	<b>U2223B-MFPG3Y</b> Atmel (Microchip Technology)



### ST21NFCDXBGARA7

STMicroelectronics  
DISCRETE

### ATA5275-PGPI

Microchip Technology  
IC TPMS 125KHZ 20QFN

### U2222B

TFK

### EM4095HMSO16B+

EM Microelectronic  
125KHZ-134KHZ, READ/WRITE  
ANALOG

### TMS37145TEAIE

Texas Instruments  
RFID TRANSPONDER WEDGE DST80

### ST25DV64K-IER6T3

STMicroelectronics  
IC RFID TRANSP 13.56MHZ 8TSSOP

## 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.



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info@allelco.com

## Certifications & Memberships



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