

Image may be representation.  
See specifications for product details.



## AT24C02N-10SC-2.7

Manufacturer Part Number	<b>AT24C02N-10SC-2.7</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24C02N-10SC-2.7
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 2KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AT24C02N-10SC-2.7 - Microchip Technology. New Original in Stock. Download Linear Technology AT24C02N-10SC-2.7 datasheet/specifications on AllelcoElec.com.  
Request a quote for AT24C02N-10SC-2.7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24C02N-10SC-2.7 Tech Specifications  
AT24C02N-10SC-2.7 - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	400 kHz
Package	Tube	Base Product Number	AT24C02
Operating Temperature	0°C ~ 70°C (TA)	Access Time	900 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C02N-10SC-2.7

Product Attribute				
Part Number	AT24C02N-10SC-2.7	AT24C02N-10SI-1.8	AT24C02D-STUM-T	AT24C02N-10SC-1.8
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Clock Frequency	400 kHz	400 kHz	1 MHz	400 kHz
Voltage - Supply	2.7V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 3.6V	1.8V ~ 5.5V
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)	0°C ~ 70°C (TA)
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	8-SOIC	8-SOIC	SOT-23-5	8-SOIC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Base Product Number	AT24C02	AT24C02	AT24C02	AT24C02
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SOT-23-5 Thin, TSOT-23-5	8-SOIC (0.154", 3.90mm Width)
Access Time	900 ns	900 ns	4.5 μs	900 ns
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Package	Tube	Tube	Tape & Reel (TR)	Tube
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8

### AT24C02N-10SC-2.7 Datasheet PDF

Download AT24C02N-10SC-2.7 pdf datasheets and Microchip Technology documentation for AT24C02N-10SC-2.7 - Microchip Technology.

#### Datasheets



















Cylindrical Battery Holders.pdf

#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products

					
<b>AT24C02N-10SI-1.8</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02D-STUM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ SOT23-5	<b>AT24C02N SU27</b> CHINA	<b>AT24C02N-10SC-1.8</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02N</b> Atmel (Microchip Technology)	<b>AT24C02N-10SI-2.5</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC
					
<b>AT24C02D-XHM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	<b>AT24C02N-10SC2.7</b> Atmel (Microchip Technology)	<b>AT24C02N-10SU-2.7</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02N-10SI-2.7</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02N-10SU-1.8</b> Atmel (Microchip Technology)	<b>AT24C02N-10SI2.7</b> Atmel (Microchip Technology)
					
<b>AT24C02D-XHM-B</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	<b>AT24C02M/TR</b> HG/HX	<b>AT24C02N-10SC</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02N-10SI</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>AT24C02M</b> AT	<b>AT24C02N-10SC-2.5</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC

## 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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## Certifications & Memberships



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