

Image may be representation.  
See specifications for product details.



## 24LC02B/SN

Manufacturer Part Number	<b>24LC02B/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24LC02B/SN
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>24AA02, 24LC02B, 24FC02.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

24LC02B/SN - Microchip Technology.New Original in Stock. Download Linear Technology 24LC02B/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 24LC02B/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24LC02B/SN Tech Specifications

24LC02B/SN - 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	2.5V ~ 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	24LC02
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 24LC02B/SN

Product Attribute				
Part Number	24LC02B/SN	24LC02B-I/P	24LC02B-I/SN	24LC02BT-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Series	-	-	-	-
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tube	Tube	Tube	Tape & Reel (TR)
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	24LC02	24LC02	24LC02	24LC02
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)

### 24LC02B/SN Datasheet PDF

Download 24LC02B/SN pdf datasheets and Microchip Technology documentation for 24LC02B/SN - Microchip Technology.

#### Datasheets

24AA02, 24LC02B, 24FC02.pdf

#### PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf








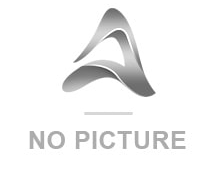










#### PCN Assembly/Origin

Manufacturing Change 07/Apr/2022.pdf

#### PCN Design/Specification

## Customers Also Interested in

### Recommended Products

 <b>24LC02B-I/P</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8DIP	 <b>24LC02B-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24LC02BT-E/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24LC02BI</b>	 <b>24LC02B/P</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8DIP	 <b>24LC02A</b> ATC
 <b>24LC02B-E/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24LC02B-P8DU</b> ARTS	 <b>24LC02BT-E/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-5	 <b>24LC02B</b> ARTSCHIP	 <b>24LC02BHT-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24LC02B-I</b> Micrel / Microchip Technology
 <b>24LC02B-E/SN16KVAO</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24LC02BI/SN</b> Micrel / Microchip Technology	 <b>24LC02BHT-I/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-5	 <b>24LC02BI/P</b> Micrel / Microchip Technology	 <b>24LC02B-I/ST</b> Microchip Technology IC EEPROM 2KBIT I2C 8TSSOP	 <b>24LC02BHT-I/ST</b> Microchip Technology IC EEPROM 2KBIT I2C 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
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Contact us if you have any questions.

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### Certifications & Memberships



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