

Image may be representation.  
See specifications for product details.



## 24C02CT-I/SN

Manufacturer Part Number	<b>24C02CT-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24C02CT-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 2KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

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24C02CT-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24C02CT-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24C02CT-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24C02CT-I/SN Tech Specifications

24C02CT-I/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	1ms	Memory Type	Non-Volatile
Voltage - Supply	4.5V ~ 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	Tape & Reel (TR)	Base Product Number	24C02C
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	900 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24C02CT-I/SN

Product Attribute				
Part Number	24C02CT-I/SN	24C02C/P	24C02CT-E/MNY	24C02C-E/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Write Cycle Time - Word, Page	1ms	1.5ms	1.5ms	1.5ms
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	24C02C	24C02C	24C02C	24C02C
Series	-	-	-	-
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	400 kHz	400 kHz	100 kHz	100 kHz
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
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-TDFN (2x3)	8-SOIC
Access Time	900 ns	3.5 μs	3.5 μs	3.5 μs
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300', 7.62mm)	8-WDFN Exposed Pad	8-SOIC (0.154', 3.90mm Width)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit

### 24C02CT-I/SN Datasheet PDF

Download 24C02CT-I/SN pdf datasheets and Microchip Technology documentation for 24C02CT-I/SN - Microchip Technology.

#### PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Design/Specification

[Copper/Gold Wire Update 08/Apr/2015.pdf](#)

[Datasheet Update 28/Oct/2022.pdf](#)

#### HTML Datasheet



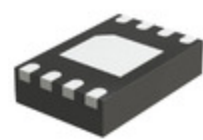
## Customers Also Interested in

### Recommended Products



#### 24C02C/P

Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8DIP



#### 24C02CT-E/MNY

Microchip Technology  
IC EEPROM 2KBIT I2C 100KHZ 8TDFN



#### 24C02CI

MICROCH



#### 24C02F-WE2

LAPIS Technology



#### 24C02D

MK



#### 24C02C-E/SN

Microchip Technology  
IC EEPROM 2KBIT I2C 100KHZ 8SOIC



#### 24C02H

CSI



#### 24C02C-I/SN

Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



#### 24C02CT/ST

Microchip Technology  
IC EEPROM 2KBIT I2C 8TSSOP



#### 24C02CT/SN

Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



#### 24C02CB1

STMicroelectronics



#### 24C02BT-I/SN

Micrel / Microchip Technology



#### 24C02C/SN

Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



#### 24C02C

HUAHONG



#### 24C02C-I/P

Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8DIP



#### 24C02F

BELING



#### 24C02I

AMI Semiconductor/onsemi



#### 24C02L(2402)

HARRIS

## 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

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Email

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## Certifications & Memberships



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