



Image may be representation.  
See specifications for product details.



## 24AA02E48T-I/OT

Manufacturer Part Number	<b>24AA02E48T-I/OT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24AA02E48T-I/OT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 2KBIT I2C SOT23-5
Package	SC-74A, SOT-753
Data sheet	<a href="#">24AA02(5)E48, 24AA02(5)E64.pdf</a> <a href="#">24AA02(5)E48, 24AA02(5)E64.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

24AA02E48T-I/OT - Microchip Technology. New Original in Stock. Download Linear Technology 24AA02E48T-I/OT datasheet/specifications on AllelcoElec.com.  
Request a quote for 24AA02E48T-I/OT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24AA02E48T-I/OT Tech Specifications  
24AA02E48T-I/OT - 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	1.7V ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	SOT-23-5	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	SC-74A, SOT-753	Clock Frequency	400 kHz
Package	Tape & Reel (TR)	Base Product Number	24AA02E48
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 24AA02E48T-I/OT

Product Attribute				
Part Number	24AA02E48T-I/OT	<a href="#">24AA02T-I/MNY</a>	<a href="#">24AA025UID-I/SN</a>	<a href="#">24AA02E64T-I/OT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Organization	256 x 8	256 x 8	128 x 8 x 2	256 x 8
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Supplier Device Package	SOT-23-5	8-TDFN (2x3)	8-SOIC	SOT-23-5
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Base Product Number	24AA02E48	24AA02	24AA025	24AA02E64
Package / Case	SC-74A, SOT-753	8-WDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-

### 24AA02E48T-I/OT Datasheet PDF

Download 24AA02E48T-I/OT pdf datasheets and Microchip Technology documentation for 24AA02E48T-I/OT - Microchip Technology.

#### Datasheets

[24AA02\(5\)E48, 24AA02\(5\)E64.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Design/Specification

[24AA02/24LC02B/24FC02 09/May/2019.pdf](#)

[24AA02E48/24AA025E48/24AA02E64/24AA025E64 20/Sep/2.pdf](#)










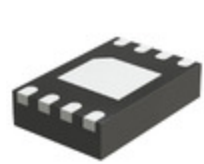







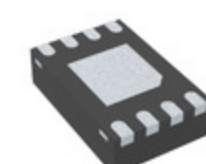
#### PCN Assembly/Origin

[24AA02E48T-I/OT 20/Sep/2016.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>24AA02T-I/MNY</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8TDFN	 <b>24AA025UID-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24AA02E64T-I/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-5	 <b>24AA025UIDT-I/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-6	 <b>24AA02HT-I/LT</b> Microchip Technology IC EEPROM 2KBIT I2C SC70-5	 <b>24AA02E48T-E/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC
 <b>24AA025UIDT-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24AA02T-I/OTG</b> MICROCHI	 <b>24AA02T-I/LT</b> Microchip Technology IC EEPROM 2KBIT I2C SC70-5	 <b>24AA025T-I/MNY</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8TDFN	 <b>24AA02T-I/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-5	 <b>24AA02E48T-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC
 <b>24AA025T-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24AA02T-I/MS</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8MSOP	 <b>24AA02E48T-I</b> Micrel / Microchip Technology	 <b>24AA02E48-I/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	 <b>24AA025T-I/OT</b> Microchip Technology IC EEPROM 2KBIT I2C SOT23-6	 <b>24AA02T-I/MC</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8DFN

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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