

Image may be representation.
See specifications for product details.



24AA02E48-I/SN

Manufacturer Part Number	24AA02E48-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-24AA02E48-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 2KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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24AA02E48-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24AA02E48-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24AA02E48-I/SN, please send us email: info@allelco.com

Specifications

24AA02E48-I/SN Tech Specifications

24AA02E48-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	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-SOIC	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	400 kHz
Package	Tube	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 24AA02E48-I/SN

Product Attribute				
Part Number	24AA02E48-I/SN	24AA02E64T-I/OT	24AA025UID-I/SN	24AA025T-I/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad
Base Product Number	24AA02E48	24AA02E64	24AA025	24AA025
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Series	-	-	-	-
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I ² C	I ² C	I ² C	I ² C
Supplier Device Package	8-SOIC	SOT-23-5	8-SOIC	8-TDFN (2x3)

24AA02E48-I/SN Datasheet PDF

Download 24AA02E48-I/SN pdf datasheets and Microchip Technology documentation for 24AA02E48-I/SN - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

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

PCN Assembly/Origin

[2.73KHz.pdf](#)

HTML Datasheet

PCN Design/Specification

24AA02/24LC02B/24FC02 DS 19/Dec/2018.pdf

24AA02E48/24AA025E48/24AA02E64/24AA025E64 20/Sep/2.pdf

Customers Also Interested in

Recommended Products



24AA02E64T-I/OT

Microchip Technology
IC EEPROM 2KBIT I2C SOT23-5



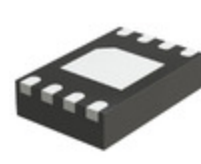
24AA025UID-I/SN

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



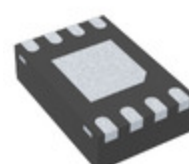
24AA025EUIDT-I/SN

Micrel / Microchip Technology



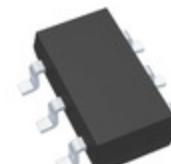
24AA025T-I/MNY

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8TDFN



24AA02T-I/MC

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8DFN



24AA025T-I/OT

Microchip Technology
IC EEPROM 2KBIT I2C SOT23-6



24AA02T-I/MNY

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8TDFN



24AA025UIDT-I/OT

Microchip Technology
IC EEPROM 2KBIT I2C SOT23-6



24AA02E48T-E/SN

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



24AA02HT-I/LT

Microchip Technology
IC EEPROM 2KBIT I2C SC70-5



24AA025E64T-I/SN

Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ 8SOIC



24AA02T-I/LT

Microchip Technology
IC EEPROM 2KBIT I2C SC70-5



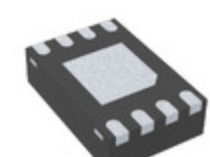
24AA025UIDT-I/SN

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IC EEPROM 2KBIT I2C 400KHZ 8SOIC



24AA02E48T-I

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24AA02E48T-I/OT

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IC EEPROM 2KBIT I2C SOT23-5



24AA025T-I/SN

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24AA02E48T-I/SN

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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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info@allelco.com

Certifications & Memberships



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