

Image may be representation.  
See specifications for product details.



## 24AA025E48T-I/SN

Manufacturer Part Number	<b>24AA025E48T-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24AA025E48T-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>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

24AA025E48T-I/SN - Microchip Technology.New Original in Stock. Download Linear Technology 24AA025E48T-I/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 24AA025E48T-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24AA025E48T-I/SN Tech Specifications  
24AA025E48T-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 <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	24AA025E48
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 24AA025E48T-I/SN

Product Attribute				
Part Number	24AA025E48T-I/SN	<a href="#">24AA025E64T-I/SN</a>	<a href="#">24AA025-I/SN</a>	<a href="#">24AA025E48T-E/OT</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SOT-23-6
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	SOT-23-6
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Series	-	-	-	-
Base Product Number	24AA025E48	24AA025E64	24AA025	24AA025E48
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	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

### 24AA025E48T-I/SN Datasheet PDF

Download 24AA025E48T-I/SN pdf datasheets and Microchip Technology documentation for 24AA025E48T-I/SN - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

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

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Design/Specification

[24AA025E48T-I/SN.pdf](#)

HTML Datasheet

Cylindrical Battery Holders.pdf

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Recommended Products



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Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



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8SOIC



**24AA025E48T-E/OT**  
Microchip Technology  
IC EEPROM 2KBIT I2C SOT23-6



**24AA025E48T-E/SN**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



**24AA025E48T-I/OT**  
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IC EEPROM 2KBIT I2C SOT23-6



**24AA025E48-I/SN**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



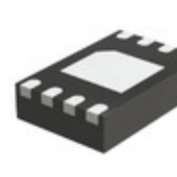
**24AA025UID-I/SN**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



**24AA025T-I/SN**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



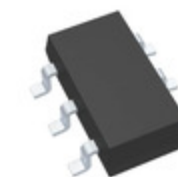
**24AA024T-I/MNY**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8TDFN



**24AA025T-I/MNY**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8TDFN



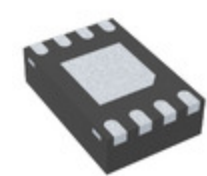
**24AA025-I/ST**  
Microchip Technology  
IC EEPROM 2KBIT I2C 8TSSOP



**24AA025E64T-I/OT**  
Microchip Technology  
IC EEPROM 2KBIT I2C SOT23-6



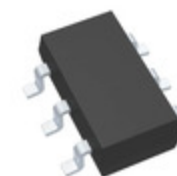
**24AA025E64T-E/SN**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8SOIC



**24AA025T-I/MC**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ 8DFN



**24AA024T-I/MS**  
Microchip Technology  
IC EEPROM 2KBIT I2C 400KHZ  
8MSOP



**24AA025T-I/OT**  
Microchip Technology  
IC EEPROM 2KBIT I2C SOT23-6



**24AA025E64T-E/OT**  
Microchip Technology  
IC EEPROM 2KBIT I2C SOT23-6



**24AA024T-I/ST**  
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

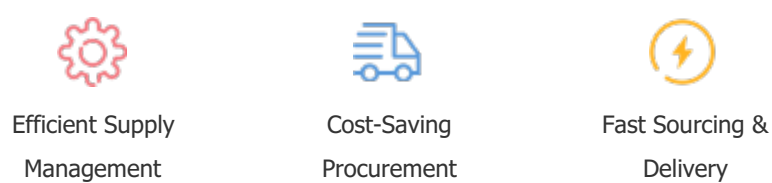
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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