

Image may be representation.  
See specifications for product details.



## 24AA32A-I/SN

Manufacturer Part Number	<b>24AA32A-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24AA32A-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 32KBIT I2C 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

24AA32A-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24AA32A-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24AA32A-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24AA32A-I/SN Tech Specifications

24AA32A-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	1.8V ~ 5.5V	Memory Size	32Kbit
Technology	EEPROM	Memory Organization	4K 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	24AA32
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 24AA32A-I/SN

Product Attribute				
Part Number	24AA32A-I/SN	24AA32AF-I/SN	24AA32A-I/ST	24AA32A-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	8-SOIC	8-SOIC	8-TSSOP	8-PDIP
Series	-	-	-	-
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Size	32Kbit	32Kbit	32Kbit	32Kbit
Memory Organization	4K x 8	4K x 8	4K x 8	4K x 8
Voltage - Supply	1.8V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-TSSOP (0.173', 4.40mm Width)	8-DIP (0.300', 7.62mm)
Base Product Number	24AA32	24AA32	24AA32	24AA32
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tube	Tube	Tube	Tube
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Access Time	900 ns	900 ns	900 ns	900 ns

### 24AA32A-I/SN Datasheet PDF

Download 24AA32A-I/SN pdf datasheets and Microchip Technology documentation for 24AA32A-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









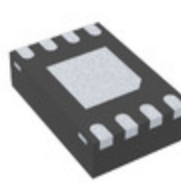

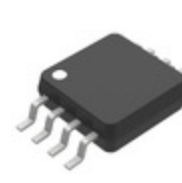
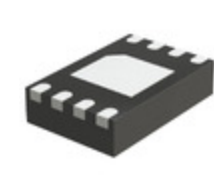






#### PCN Assembly/Origin

2.73KHz.pdf

#### PCN Design/Specification

## Customers Also Interested in

### Recommended Products

					
<b>24AA32AF-I/SN</b> Microchip Technology IC EEPROM 32KBIT I2C 8SOIC	<b>24AA32A-I/ST</b> Microchip Technology IC EEPROM 32KBIT I2C 8TSSOP	<b>24AA32A-I/P</b> Microchip Technology IC EEPROM 32KBIT I2C 400KHZ 8DIP	<b>24AA32AI/SN</b> MIC	<b>24AA256T-I/ST</b> Microchip Technology IC EEPROM 256KBIT I2C 8TSSOP	<b>24AA32AFT-I/MNY</b> Microchip Technology IC EEPROM 32KBIT I2C 8TDFN
					
<b>24AA256UID-I/ST</b> Microchip Technology IC EEPROM 256KBIT I2C 8TSSOP	<b>24AA32AFT-I/MS</b> Microchip Technology IC EEPROM 32KBIT I2C 8MSOP	<b>24AA32AT-I/MC</b> Microchip Technology IC EEPROM 32KBIT I2C 400KHZ 8DFN	<b>24AA32AFT-I/OT</b> Microchip Technology IC EEPROM 32KBIT I2C SOT23-5	<b>24AA256T-I/MS</b> Microchip Technology IC EEPROM 256KBIT I2C 8MSOP	<b>24AA32AT-I/MNY</b> Microchip Technology IC EEPROM 32KBIT I2C 8TDFN
					
<b>24AA256T-I/MNY</b> Microchip Technology IC EEPROM 256KBIT I2C 8TDFN	<b>24AA256T-I/OMNY</b> Micrel / Microchip Technology	<b>24AA32AFT-I/SN</b> Microchip Technology IC EEPROM 32KBIT I2C 8SOIC	<b>24AA256UID-I/SN</b> Microchip Technology IC EEPROM 256KBIT I2C 8SOIC	<b>24AA256UIDT-I/SN</b> Microchip Technology IC EEPROM 256KBIT I2C 8SOIC	<b>24AA256T-I/SN</b> Microchip Technology IC EEPROM 256KBIT I2C 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.

	
Phone +00852 9146 4856	Email info@allelco.com

### Certifications & Memberships



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