

Image may be representation.  
See specifications for product details.



## 24AA014H-I/SN

Manufacturer Part Number	<b>24AA014H-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24AA014H-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 1KBIT 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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24AA014H-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24AA014H-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24AA014H-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24AA014H-I/SN Tech Specifications

24AA014H-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	1Kbit
Technology	EEPROM	Memory Organization	128 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	24AA014
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 24AA014H-I/SN

Product Attribute				
Part Number	24AA014H-I/SN	<a href="#">24AA00T-I/SN</a>	<a href="#">24AA00T-I/OT</a>	<a href="#">24AA01-I/P</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Memory Size	1Kbit	128bit	128bit	1Kbit
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	4ms	4ms	5ms
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	8-DIP (0.300", 7.62mm)
Memory Organization	128 x 8	16 x 8	16 x 8	128 x 8
Supplier Device Package	8-SOIC	8-SOIC	SOT-23-5	8-PDIP
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	24AA014	24AA00	24AA00	24AA01
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Voltage - Supply	1.7V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V
Series	-	-	-	-
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	900 ns	3500 ns	3500 ns	3500 ns
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C

### 24AA014H-I/SN Datasheet PDF

Download 24AA014H-I/SN pdf datasheets and Microchip Technology documentation for 24AA014H-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](#)













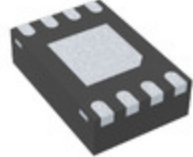

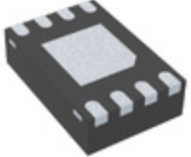



#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Design/Specification

## Customers Also Interested in

### Recommended Products

					
<b>24AA00T-I/SN</b> Microchip Technology IC EEPROM 128B I2C 400KHZ 8SOIC	<b>24AA00T-I/OT</b> Microchip Technology IC EEPROM 128B I2C SOT23-5	<b>24AA01-I/P</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DIP	<b>24AA01H-I/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24AA01T-I/MNY</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8TDFN	<b>24AA01T-I/OT</b> Microchip Technology IC EEPROM 1KBIT I2C SOT23-5
					
<b>24AA01HT-I/OT</b> Microchip Technology IC EEPROM 1KBIT I2C SOT23-5	<b>24AA014T-I/MS</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8MSOP	<b>24AA014T-I/OT</b> Microchip Technology IC EEPROM 1KBIT I2C SOT23-6	<b>24AA01-I/MS</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8MSOP	<b>24AA01T-I/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24AA01-I/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC
					
<b>24AA01T-I/MC</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DFN	<b>24AA014H-I/P</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DIP	<b>24AA00T-I/MC</b> Microchip Technology IC EEPROM 128B I2C 400KHZ 8DFN	<b>24AA01/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24AA014-I/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24AA01-I/ST</b> Microchip Technology IC EEPROM 1KBIT 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 -

		
Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery

Contact us if you have any questions.

	
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### Certifications & Memberships



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