



Image may be representation.  
See specifications for product details.



## 24LC21A-I/SN

Manufacturer Part Number	<b>24LC21A-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24LC21A-I/SN
ECAD Model	PCB Footprint and Symbol
Parts Description	IC EEPROM 1KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">24LC21A.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

[Get a Quote](#)

24LC21A-I/SN - Microchip Technology.New Original in Stock. Download Linear Technology 24LC21A-I/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 24LC21A-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24LC21A-I/SN Tech Specifications

24LC21A-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	10ms	Memory Type	Non-Volatile
Voltage - Supply	2.5V ~ 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	24LC21
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 24LC21A-I/SN

Product Attribute				
Part Number	24LC21A-I/SN	24LC21/P	24LC21AT/SN	24LC21A/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	24LC21	24LC21	24LC21	24LC21
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Write Cycle Time - Word, Page	10ms	10ms	10ms	10ms
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Memory Organization	128 x 8	128 x 8	128 x 8	128 x 8
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
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Size	1Kbit	1Kbit	1Kbit	1Kbit
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tube	Tube	Tape & Reel (TR)	Tube
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Series	-	-	-	-

### 24LC21A-I/SN Datasheet PDF

Download 24LC21A-I/SN pdf datasheets and Microchip Technology documentation for 24LC21A-I/SN - Microchip Technology.

#### Datasheets

[24LC21A.pdf](#)

#### PCN Packaging

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

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

#### PCN Assembly/Origin

[Manufacturing Change 07/Apr/2022.pdf](#)

#### PCN Design/Specification



## Customers Also Interested in

### Recommended Products



#### 24LC21A1-I/SN

Micrel / Microchip Technology



#### 24LC194-I/SN

Micrel / Microchip Technology



#### 24LC21/P

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8DIP

NO PICTURE

#### 24LC21A

AT



#### 24LC21AT/SN

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8SOIC

NO PICTURE

#### 24LC21A-IP8JS

NIC



#### 24LC21A/SN

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8SOIC

#### 24LC21AI

Micrel / Microchip Technology



#### 24LC211

STMicroelectronics



#### 24LC194T-I/SN

Micrel / Microchip Technology



#### 24LC216

STMicroelectronics



#### 24LC211/P

Micrel / Microchip Technology



#### 24LC211-I/SN

Micrel / Microchip Technology



#### 24LC21/SN

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8SOIC

#### 24LC21AT-I/SN

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8SOIC

#### 24LC21A/P

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8DIP

#### 24LC21-I/SN

Microchip Technology  
IC EEPROM 1KBIT I2C 400KHZ 8SOIC

#### 24LC21AI/P

Micrel / Microchip Technology

## 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



View More

### Contact us

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