

Image may be representation.  
See specifications for product details.



## 24LC01BT-I/SN

Manufacturer Part Number	<b>24LC01BT-I/SN</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-24LC01BT-I/SN
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 1KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>24AA01, 24LC01B, 24FC01.pdf</b> <b>24AA01, 24LC01B, 24FC01.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

24LC01BT-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24LC01BT-I/SN datasheet/specifications on AllelcoElec.com.  
Request a quote for 24LC01BT-I/SN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

24LC01BT-I/SN Tech Specifications

24LC01BT-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	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	Tape & Reel (TR)	Base Product Number	24LC01B
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	3.5 μs

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24LC01BT-I/SN

Product Attribute				
Part Number	24LC01BT-I/SN	<b>24LC024-I/P</b>	<b>24LC024-E/MC</b>	<b>24LC01BT-E/SN</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Organization	128 x 8	256 x 8	256 x 8	128 x 8
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-SOIC	8-PDIP	8-DFN (2x3)	8-SOIC
Base Product Number	24LC01B	24LC024	24LC024	24LC01B
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Access Time	3.5 μs	900 ns	900 ns	3.5 μs
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Memory Size	1Kbit	2Kbit	2Kbit	1Kbit
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Series	-	-	-	-
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)

### 24LC01BT-I/SN Datasheet PDF

Download 24LC01BT-I/SN pdf datasheets and Microchip Technology documentation for 24LC01BT-I/SN - Microchip Technology.

#### Datasheets

[24AA01, 24LC01B, 24FC01.pdf](#)

#### PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)

#### PCN Assembly/Origin

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

#### PCN Design/Specification

[PCN Design/Specification](#)


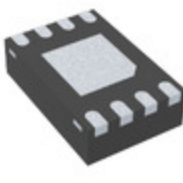
















[PCN Design/Specification](#)

## HTML Datasheet

24AA01, 24LC01B, 24FC01.pdf

## Customers Also Interested in

### Recommended Products

					
<b>24LC024-I/P</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8DIP	<b>24LC024-E/MC</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8DFN	<b>24LC01B/SM</b> Micron Technology	<b>24LC01BT-1/OT</b> TAEC Product (Toshiba Electronic Devices and Stora	<b>24LC01BT-VSN</b> XX	<b>24LC01BT-E/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC
					
<b>24LC01BT-I/ST</b> Microchip Technology IC EEPROM 1KBIT I2C 8TSSOP	<b>24LC024-I/MS</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8MSOP	<b>24LC01BT-E/MNY</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8TDFN	<b>24LC01BI/SN</b> Micrel / Microchip Technology	<b>24LC01BT-I/OT</b> Microchip Technology IC EEPROM 1KBIT I2C SOT23-5	<b>24LC01BT-I/SNC</b> MIC
					
<b>24LC01B/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24LC01BT/SN</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	<b>24LC01BI/P</b> Micrel / Microchip Technology	<b>24LC01BT-I/MS</b> Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8MSOP	<b>24LC024-E/SN</b> Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8SOIC	<b>24LC01BT-I/LT</b> Microchip Technology IC EEPROM 1KBIT I2C SC70-5

## 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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### Contact us

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