

Image may be representation.
See specifications for product details.



24LC01B-I/SN

Manufacturer Part Number	24LC01B-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-24LC01B-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 1KBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	24AA01, 24LC01B, 24FC01.pdf
	24AA01, 24LC01B, 24FC01.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

24LC01B-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24LC01B-I/SN datasheet/specifications on AllelcoElec.com.
Request a quote for 24LC01B-I/SN, please send us email: info@allelco.com

Specifications

24LC01B-I/SN Tech Specifications

24LC01B-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 ² C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	400 kHz
Package	Tube	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 24LC01B-I/SN

Product Attribute				
Part Number	24LC01B-I/SN	24LC01B-I/P	24LC014-I/SN	24LC014T-I/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Memory Interface	I ² C	I ² C	I ² C	I ² C
Memory Size	1Kbit	1Kbit	1Kbit	1Kbit
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	3.5 μs	3.5 μs	900 ns	900 ns
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	24LC01B	24LC01B	24LC014	24LC014
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Organization	128 x 8	128 x 8	128 x 8	128 x 8
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)

24LC01B-I/SN Datasheet PDF

Download 24LC01B-I/SN pdf datasheets and Microchip Technology documentation for 24LC01B-I/SN - Microchip Technology.

Datasheets

24AA01, 24LC01B, 24FC01.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

PCN Assembly/Origin

Manufacturing Change 07/Apr/2022.pdf






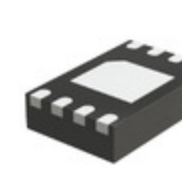












PCN Design/Specification

HTML Datasheet

24AA01, 24LC01B, 24FC01.pdf

Customers Also Interested in

Recommended Products

					
24LC01B/SM Micron Technology	24LC01B-I/P Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DIP	24LC014-I/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC014T-I/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC01B/P Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DIP	24LC01BT-E/MNY Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8TDFN
					
24LC01BT-E/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC01BI/P Micrel / Microchip Technology	24LC01B-I/OT Micrel / Microchip Technology	24LC01B/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC01BI/SN Micrel / Microchip Technology	24LC01B ARTS
					
24LC014-I/P Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8DIP	24LC01B-E/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC014T-E/SN Microchip Technology IC EEPROM 1KBIT I2C 400KHZ 8SOIC	24LC01BT-I/LT Microchip Technology IC EEPROM 1KBIT I2C SC70-5	24LC01B-I Micrel / Microchip Technology	24LC018-I/SN MICROCH

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
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Contact us if you have any questions.

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Certifications & Memberships



View More

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