

Image may be representation.
See specifications for product details.



24LC16B-I/SN

Manufacturer Part Number	24LC16B-I/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-24LC16B-I/SN
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 16KBIT I2C 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	24AA16, 24LC16B, 24FC16.pdf
RoHs Status	ROHS3 Compliant

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24LC16B-I/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24LC16B-I/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24LC16B-I/SN, please send us email: info@allelco.com

Specifications

24LC16B-I/SN Tech Specifications

24LC16B-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	16Kbit
Technology	EEPROM	Memory Organization	2K 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	24LC16B
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 24LC16B-I/SN

Product Attribute				
Part Number	24LC16B-I/SN	24LC16B-I/MC	24LC16B/P	24LC16B-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Interface	I ² C	I ² C	I ² C	I ² C
Memory Organization	2K x 8	2K x 8	2K x 8	2K x 8
Package	Tube	Tube	Tube	Tube
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Size	16Kbit	16Kbit	16Kbit	16Kbit
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	24LC16B	24LC16B	24LC16B	24LC16B
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-VDFN Exposed Pad	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Supplier Device Package	8-SOIC	8-DFN (2x3)	8-PDIP	8-PDIP

24LC16B-I/SN Datasheet PDF

Download 24LC16B-I/SN pdf datasheets and Microchip Technology documentation for 24LC16B-I/SN - Microchip Technology.

Datasheets

[24AA16, 24LC16B, 24FC16.pdf](#)

PCN Packaging

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

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


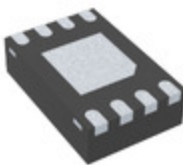
















PCN Assembly/Origin

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

PCN Design/Specification

Customers Also Interested in

Recommended Products

 24LC16 N/A	 24LC16B-I/MC Microchip Technology IC EEPROM 16KBIT I2C 400KHZ 8DFN	 24LC16B/P Microchip Technology IC EEPROM 16KBIT I2C 400KHZ 8DIP	 24LC16B-I/PG Micrel / Microchip Technology	 24LC16B-I/P Microchip Technology IC EEPROM 16KBIT I2C 400KHZ 8DIP	 24LC16BI/SN Micrel / Microchip Technology
 24LC16A ATC	 24LC168 Zilog / Littelfuse	 24LC16B1 MICR	 24LC16B-I/MS Microchip Technology IC EEPROM 16KBIT I2C 8MSOP	 24LC16B MICR/ARTS	 24LC16B/P04U MIC
 24LC16BT-E/OT Microchip Technology IC EEPROM 16KBIT I2C SOT23-5	 24LC128T-I/STA37R Micrel / Microchip Technology	 24LC16B/SN Microchip Technology IC EEPROM 16KBIT I2C 8SOIC	 24LC16BT-E/SN Microchip Technology IC EEPROM 16KBIT I2C 8SOIC	 24LC16B-E/SN Microchip Technology IC EEPROM 16KBIT I2C 8SOIC	 24LC16B-I/ST Microchip Technology IC EEPROM 16KBIT 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.

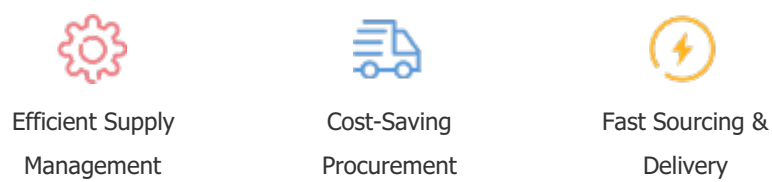
Payment Support

The payment method can be chosen from the methods shown below:

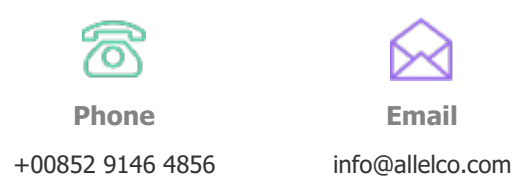
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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