

Image may be representation.
See specifications for product details.



24LC1025-E/SN

Manufacturer Part Number	24LC1025-E/SN
Manufacturer	Microchip Technology
Allelco Part Number	32D-24LC1025-E/SN
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 1MBIT I2C 400KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	24AA1025, 24LC1025, 24FC1025.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

24LC1025-E/SN - Microchip Technology. New Original in Stock. Download Linear Technology 24LC1025-E/SN datasheet/specifications on AllelcoElec.com. Request a quote for 24LC1025-E/SN, please send us email: info@allelco.com

Specifications

24LC1025-E/SN Tech Specifications

24LC1025-E/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	1Mbit
Technology	EEPROM	Memory Organization	128K 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	24LC1025
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	900 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24LC1025-E/SN

Product Attribute				
Part Number	24LC1025-E/SN	24LC1025T-E/SN	24LC08BT-1/MS	24LC128-E/MF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I ² C	I ² C	I ² C	I ² C
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	8-DFN-S (6x5)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Memory Organization	128K x 8	128K x 8	256 x 8 x 4	16K x 8
Memory Size	1Mbit	1Mbit	8Kbit	128Kbit
Base Product Number	24LC1025	24LC1025	24LC08	24LC128
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-VDFN Exposed Pad

24LC1025-E/SN Datasheet PDF

Download 24LC1025-E/SN pdf datasheets and Microchip Technology documentation for 24LC1025-E/SN - Microchip Technology.

Datasheets

[24AA1025, 24LC1025, 24FC1025.pdf](#)

PCN Packaging

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

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



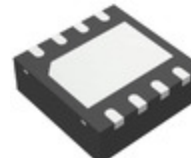















PCN Assembly/Origin

[24LCxxx/24AAxxx/24FCxxx 15/Feb/2021.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

 24LC1025T-E/SN Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIC	 24LC08BT-I/MS Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8MSOP	 24LC128-E/MF Microchip Technology IC EEPROM 128KBIT I2C 8DFN	 24LC08M-1.8 ETEK	 24LC1026-I/SN Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIC	 24LC08D-1.8
 24LC08BT-I/OT Microchip Technology IC EEPROM 8KBIT I2C SOT23-5	 24LC08BT-I/SN Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8SOIC	 24LC08BT-I/P Micrel / Microchip Technology	 24LC1025-I/P Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8DIP	 24LC08BT-I/ST Microchip Technology IC EEPROM 8KBIT I2C 8TSSOP	 24LC08BHT-I/OT Microchip Technology IC EEPROM 8KBIT I2C SOT23-5
 24LC1025-I/SN Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIC	 24LC08BT/SN Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8SOIC	 24LC1025T-I/SM Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIJ	 24LC1025-I/SM Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIJ	 24LC1025T-E/SM Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIJ	 24LC1025T-I/SN Microchip Technology IC EEPROM 1MBIT I2C 400KHZ 8SOIC

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



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