



Image may be representation.
See specifications for product details.



24FC1025T-I/SM

Manufacturer Part Number	24FC1025T-I/SM
Manufacturer	Microchip Technology
Allelco Part Number	32D-24FC1025T-I/SM
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 1MBIT I2C 1MHZ 8SOIJ
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	24AA1025, 24LC1025, 24FC1025.pdf
RoHs Status	ROHS3 Compliant

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24FC1025T-I/SM - Microchip Technology. New Original in Stock. Download Linear Technology 24FC1025T-I/SM datasheet/specifications on AllelcoElec.com.
Request a quote for 24FC1025T-I/SM, please send us email: info@allelco.com

Specifications

24FC1025T-I/SM Tech Specifications
24FC1025T-I/SM - 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	1.8V ~ 5.5V	Memory Size	1Mbit
Technology	EEPROM	Memory Organization	128K x 8
Supplier Device Package	8-SOIJ	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.209", 5.30mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	24FC1025
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	400 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24FC1025T-I/SM

Product Attribute				
Part Number	24FC1025T-I/SM	24FC128-I/ST	24FC128-I/MS	24FC1025-I/SM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Organization	128K x 8	16K x 8	16K x 8	128K x 8
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.209", 5.30mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Supplier Device Package	8-SOIJ	8-TSSOP	8-MSOP	8-SOIJ
Base Product Number	24FC1025	24FC128	24FC128	24FC1025
Memory Size	1Mbit	128Kbit	128Kbit	1Mbit
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	400 ns	400 ns	400 ns	400 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.8V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Interface	I ² C	I ² C	I ² C	I ² C
Package	Tape & Reel (TR)	Tube	Tube	Tube

24FC1025T-I/SM Datasheet PDF

Download 24FC1025T-I/SM pdf datasheets and Microchip Technology documentation for 24FC1025T-I/SM - Microchip Technology.

Datasheets

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

PCN Packaging

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

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




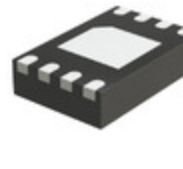






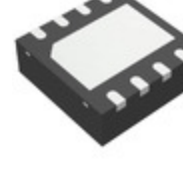







PCN Design/Specification

[24AA1025/24LC1025/24FC1025 08/Nov/2021.pdf](#)

[24AA1025/24LC1025/24FC1025 Datasheet Update 12/Aug.pdf](#)

Customers Also Interested in

Recommended Products

					
24FC128-I/ST Microchip Technology IC EEPROM 128KBIT I2C 8TSSOP	24FC128-I/MS Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8MSOP	24FC1025-I/SM Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOJ	24FC128T-I/MNY Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8TDFN	24F01I CAT	24FC02JI CSI
					
24FC01-I/P Microchip Technology IC EEPROM 1KBIT I2C 1MHZ 8DIP	24FC1026T-I/SN Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	24FC1025-I/P Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8DIP	24FC1025-I/SN Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	24FC128-I/MF Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8DFN	24F32KA301 Micrel / Microchip Technology
					
24FC1025T-I/SN Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	24FC128-I/SN Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8SOIC	24FC02WI AMI Semiconductor/onsemi	24FC1026-I/SN Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	24FC128-I/SM Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8SOJ	24FC04-I/ST Microchip Technology IC EEPROM 4KBIT I2C 1MHZ 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.

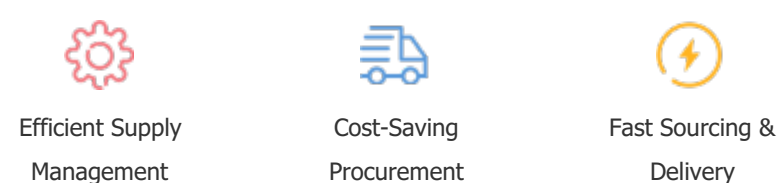
Contact us if you have any questions.

Payment Support

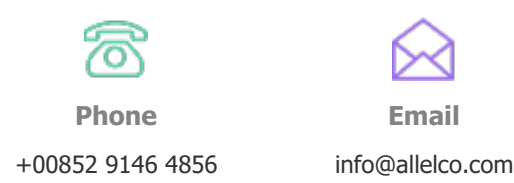
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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