

Image may be representation.
See specifications for product details.



AT24C02D-MAHM-T

Manufacturer Part Number	AT24C02D-MAHM-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C02D-MAHM-T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 2KBIT I2C 1MHZ 8UDFN
Package	8-UDFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C02D-MAHM-T - Microchip Technology. New Original in Stock. Download Linear Technology AT24C02D-MAHM-T datasheet/specifications on AllelcoElec.com. Request a quote for AT24C02D-MAHM-T, please send us email: info@allelco.com

Specifications

AT24C02D-MAHM-T Tech Specifications
AT24C02D-MAHM-T - 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	1.7V ~ 3.6V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-UDFN (2x3)	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-UDFN Exposed Pad	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT24C02
Operating Temperature	-40°C ~ 85°C (TC)	Access Time	4.5 μs

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C02D-MAHM-T

Product Attribute				
Part Number	AT24C02D-MAHM-T	AT24C02C-SSHM-T	AT24C02C-XHM-T	AT24C02C-XHM-B
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	AT24C02	AT24C02	AT24C02	AT24C02
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Package / Case	8-UDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Access Time	4.5 μs	550 ns	550 ns	550 ns
Voltage - Supply	1.7V ~ 3.6V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Memory Interface	I ² C	I ² C	I ² C	I ² C
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-UDFN (2x3)	8-SOIC	8-TSSOP	8-TSSOP

AT24C02D-MAHM-T Datasheet PDF

Download AT24C02D-MAHM-T pdf datasheets and Microchip Technology documentation for AT24C02D-MAHM-T - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

[Boxes 07/Dec/2016.pdf](#)

PCN Design/Specification



















[Supply Voltage Update 13/Feb/2014.pdf](#)

[AT24C01D/02D Datasheet 27/Nov/2018.pdf](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 AT24C02C-SSHM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	 AT24C02N SU27 CHINA	 AT24C02C-XHM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	 AT24C02C-XHM-B Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	 AT24C02D-PUM Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8DIP	 AT24C02M/TR HG/HX
 AT24C02D-XHM-B Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	 AT24C02D-SSHM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	 AT24C02N Atmel (Microchip Technology)	 AT24C02D-STUM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ SOT23-5	 AT24C02D-SSHM-B Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	 AT24C02C-STUM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ SOT23-5
 AT24C02C-SSHM-B Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	 AT24C02C-PUM Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8DIP	 AT24C02C-MAHM-T Atmel IC EEPROM 2KBIT I2C 1MHZ 8UDFN	 AT24C02C-SSHM AT	 AT24C02M AT	 AT24C02D-XHM-T Microchip Technology IC EEPROM 2KBIT 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 -

 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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