

Image may be representation.  
See specifications for product details.



## AT24C02C-SSHM-T

Manufacturer Part Number	<b>AT24C02C-SSHM-T</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24C02C-SSHM-T
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 2KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT24C02C-SSHM-T - Microchip Technology. New Original in Stock. Download Linear Technology AT24C02C-SSHM-T datasheet/specifications on AllelcoElec.com. Request a quote for AT24C02C-SSHM-T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24C02C-SSHM-T Tech Specifications  
AT24C02C-SSHM-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 ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154', 3.90mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT24C02
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	550 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C02C-SSHM-T

Product Attribute				
Part Number	AT24C02C-SSHM-T	AT24C02C-MAHM-E	AT24C02C-SSHM-B	AT24C02BY6-YH-T
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	-	-	-	-
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V
Base Product Number	AT24C02	AT24C02	AT24C02	AT24C02
Access Time	550 ns	550 ns	550 ns	550 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Supplier Device Package	8-SOIC	8-UDFN (2x3)	8-SOIC	8-Mini Map (2x3)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-UFDFN Exposed Pad	8-SOIC (0.154', 3.90mm Width)	8-UFDFN Exposed Pad
Technology	EEPROM	EEPROM	EEPROM	EEPROM

### AT24C02C-SSHM-T Datasheet PDF

Download AT24C02C-SSHM-T pdf datasheets and Microchip Technology documentation for AT24C02C-SSHM-T - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

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

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## PCN Part Status Change


 2.73KHz.pdf

## PCN Design/Specification

 Supply Voltage Update 13/Feb/2014.pdf

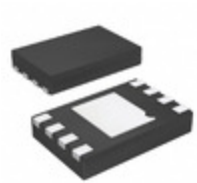

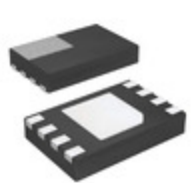







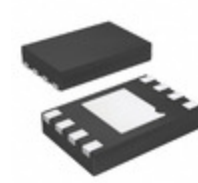






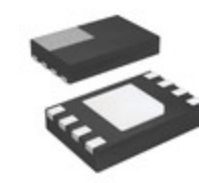
 T24C01C/02C Datasheet 26/Nov/2018.pdf

## PCN Part Number

 SL Code Number Update 25/Oct/2016.pdf

## Customers Also Interested in

### Recommended Products

					
<b>AT24C02C-MAHM-E</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8UDFN	<b>AT24C02C-SSHM-B</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	<b>AT24C02BY6-YH-T</b> Microchip Technology IC EEPROM 2KBIT I2C 8MINI MAP	<b>AT24C02C-MAHM-T</b> Atmel IC EEPROM 2KBIT I2C 1MHZ 8UDFN	<b>AT24C02D-SSHM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	<b>AT24C02BY6-10YH-1.8</b> Atmel (Microchip Technology)
					
<b>AT24C02C-PUM</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8DIP	<b>AT24C02C-XHM-B</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP	<b>AT24C02C-STUM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ SOT23-5	<b>AT24C02C-SSHM</b> AT	<b>AT24C02D-MAHM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8UDFN	<b>AT24C02C-XHM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8TSSOP
					
<b>AT24C02D-PUM</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8DIP	<b>AT24C02D-SSHM-B</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	<b>AT24C02BY6-YH-T</b> Atmel IC EEPROM 2KBIT I2C 8MINI MAP	<b>AT24C02C</b> Atmel (Microchip Technology)	<b>AT24C02D-STUM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ SOT23-5	<b>AT24C02C-MAHM-T</b> Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8UDFN

## 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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