

Image may be representation.  
See specifications for product details.



## AT24C01C-SSHM-T

Manufacturer Part Number	<b>AT24C01C-SSHM-T</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24C01C-SSHM-T
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 1KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AT24C01C,02C.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AT24C01C-SSHM-T - Microchip Technology. New Original in Stock. Download Linear Technology AT24C01C-SSHM-T datasheet/specifications on AllelcoElec.com. Request a quote for AT24C01C-SSHM-T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24C01C-SSHM-T Tech Specifications  
AT24C01C-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	1Kbit
Technology	EEPROM	Memory Organization	128 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	AT24C01
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 AT24C01C-SSHM-T

Product Attribute				
Part Number	AT24C01C-SSHM-T	AT24C01C-MAHM-T	AT24C01D-SSHM-B	AT24C01D-PUM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 3.6V	1.7V ~ 3.6V
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Supplier Device Package	8-SOIC	8-UDFN (2x3)	8-SOIC	8-PDIP
Memory Size	1Kbit	1Kbit	1Kbit	1Kbit
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	AT24C01	AT24C01	AT24C01	AT24C01
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)
Access Time	550 ns	550 ns	4.5 μs	4.5 μs
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-UDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)
Memory Organization	128 x 8	128 x 8	128 x 8	128 x 8

### AT24C01C-SSHM-T Datasheet PDF

Download AT24C01C-SSHM-T pdf datasheets and Microchip Technology documentation for AT24C01C-SSHM-T - Microchip Technology.

#### Datasheets

AT24C01C,02C.pdf

#### PCN Packaging

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

Mult Devices 17/Nov/2017.pdf

#### PCN Design/Specification

Marking Chgs 11/Jul/2017.pdf

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

#### PCN Assembly/Origin

AT24yyy 19/Jan/2021.pdf

### PCN Part Number

SL Code Number Update 25/Oct/2016.pdf

### PCN Obsolescence/ EOL

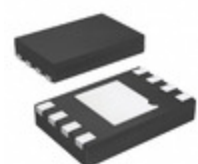
AT24C01C Devices 24/Jun/2014.pdf

### PCN Part Status Change

CC142904A Revision 17/Mar/2016.pdf

## Customers Also Interested in

### Recommended Products



#### AT24C01C-MAHM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8UDFN



#### AT24C01D-SSHM-B

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8SOIC



#### AT24C01D-PUM

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8DIP



#### AT24C01C-STUM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ SOT23-5



NO PICTURE

#### AT24C01BN-SH-T/TR

AT



#### AT24C01BN-SU2.7

Atmel (Microchip Technology)



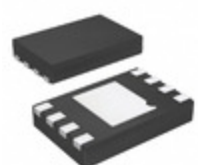
#### AT24C01BN-SH-B

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8SOIC



#### AT24C01C-SSHM-B

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8SOIC



#### AT24C01D-MAHM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8UDFN



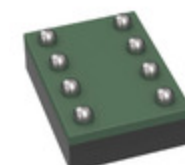
#### AT24C01D-STUM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ SOT23-5



#### AT24C01C

Atmel (Microchip Technology)



#### AT24C01D-CUM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8VFBGA



#### AT24C01BU3-UU-T

Atmel (Microchip Technology)



#### AT24C01D-SSHM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8SOIC



#### AT24C01BY6-YH

Atmel (Microchip Technology)



#### AT24C01D-XHM-B

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8TSSOP



#### AT24C01D-XHM-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 8TSSOP



#### AT24C01BN-SH-T

Microchip Technology  
IC EEPROM 1KBIT I2C 1MHZ 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

Contact us if you have any questions.



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+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



View More

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