



Image may be representation.  
See specifications for product details.



## AT24CM01-SHM-B

Manufacturer Part Number	<b>AT24CM01-SHM-B</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24CM01-SHM-B
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 1MBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.209', 5.30mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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AT24CM01-SHM-B - Microchip Technology.New Original in Stock. Download Linear Technology AT24CM01-SHM-B datasheet/specifications on AllelcoElec.com.  
Request a quote for AT24CM01-SHM-B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24CM01-SHM-B Tech Specifications  
AT24CM01-SHM-B - 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	1Mbit
Technology	EEPROM	Memory Organization	128K x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.209', 5.30mm Width)	Clock Frequency	1 MHz
Package	Tube	Base Product Number	AT24CM01
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 AT24CM01-SHM-B

Product Attribute				
Part Number	AT24CM01-SHM-B	AT24CM02-SSHD-T	AT24CM01-XHD-T	AT24CM01-XHM-B
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Series	-	-	-	-
Memory Organization	128K x 8	256K x 8	128K x 8	128K x 8
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Voltage - Supply	1.7V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	1.7V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	8-SOIC	8-SOIC	8-TSSOP	8-TSSOP
Access Time	550 ns	450 ns	550 ns	550 ns
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	AT24CM01	AT24CM02	AT24CM01	AT24CM01
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-SOIC (0.209', 5.30mm Width)	8-SOIC (0.154', 3.90mm Width)	8-TSSOP (0.173', 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Write Cycle Time - Word, Page	5ms	10ms	5ms	5ms
Memory Size	1Mbit	2Mbit	1Mbit	1Mbit
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz

### AT24CM01-SHM-B Datasheet PDF

Download AT24CM01-SHM-B pdf datasheets and Microchip Technology documentation for AT24CM01-SHM-B - 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

[Cylindrical Battery Holders.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>AT24C64NSI-2.7</b> AT	<b>AT24CM02-SSHD-T</b> Microchip Technology IC EEPROM 2MBIT I2C 1MHZ 8SOIC	<b>AT24C64N-SU27-D</b> XINBOLE	<b>AT24CM01-XHD-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8TSSOP	<b>AT24CM01-XHM-B</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8TSSOP	<b>AT24CM01-XHM-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8TSSOP
					
<b>AT24C64NSI27</b> AT	<b>AT24CM01-SSHM-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24CM01-SHD-B</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24C64W-10SI</b> Microchip Technology IC EEPROM 64KBIT I2C 8SOIC	<b>AT24C64W-10SI-2.5</b> Microchip Technology IC EEPROM 64KBIT I2C 8SOIC	<b>AT24CM01-SHM-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC
					
<b>AT24CM01-SSHD-B</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24C64N-SU27</b> Atmel (Microchip Technology)	<b>AT24CM01-SHD-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24CM01-SSHM-B</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24CM01-SSHD-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24CM02-SSHD-B</b> Microchip Technology IC EEPROM 2MBIT 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

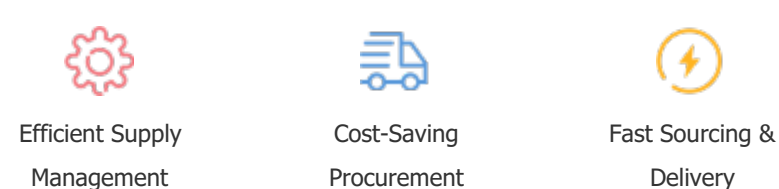
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

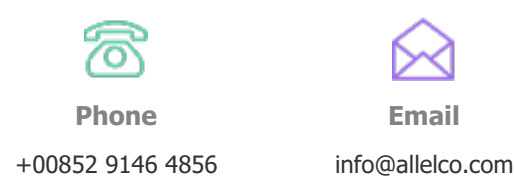
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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