

Image may be representation.  
See specifications for product details.



## M24M01-DWDW3TP/K

Manufacturer Part Number	<b>M24M01-DWDW3TP/K</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-M24M01-DWDW3TP/K
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 1MBIT I2C 1MHZ 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	M24M01-DWDW3TP/K.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

M24M01-DWDW3TP/K - STMicroelectronics.New Original in Stock. Download Linear Technology M24M01-DWDW3TP/K datasheet/specifications on AllelcoElec.com. Request a quote for M24M01-DWDW3TP/K, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

M24M01-DWDW3TP/K Tech Specifications  
M24M01-DWDW3TP/K - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	4ms	Memory Type	Non-Volatile
Voltage - Supply	2.5V ~ 5.5V	Memory Size	1Mbit
Technology	EEPROM	Memory Organization	128K x 8
Supplier Device Package	8-TSSOP	Memory Interface	I <sup>2</sup> C
Series	Automotive, AEC-Q100	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	M24M01
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	450 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M24M01-DWDW3TP/K

Product Attribute				
Part Number	M24M01-DWDW3TP/K	M24M01-DFMN6TP	M24M01-RMW6TG	M24M01-DFDW6TP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Write Cycle Time - Word, Page	4ms	5ms	5ms	5ms
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.209", 5.30mm Width)	8-TSSOP (0.173", 4.40mm Width)
Memory Organization	128K x 8	128K x 8	128K x 8	128K x 8
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	8-TSSOP	8-SOIC	8-SO	8-TSSOP
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	M24M01	M24M01	M24M01	M24M01
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	2.5V ~ 5.5V	1.7V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V
Access Time	450 ns	500 ns	500 ns	500 ns
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Memory Size	1Mbit	1Mbit	1Mbit	1Mbit
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Series	Automotive, AEC-Q100	-	-	-

### M24M01-DWDW3TP/K Datasheet PDF

Download M24M01-DWDW3TP/K pdf datasheets and STMicroelectronics documentation for M24M01-DWDW3TP/K - STMicroelectronics.

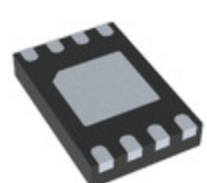
### PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf

Mult Dev Inner Pkg Chg 30/Oct/2019.pdf

### Customers Also Interested in

#### Recommended Products



**M24LR64E-RMC6T/2**  
STMicroelectronics  
IC RFID TRANSP 13.56MHZ 8MLP



**M24M01-DFMN6TP**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8SOIC



**M24M01-RMW6TG**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8SO



**M24M01-DFCS6TP**  
STMicroelectronics



**M24M01-DFDW6TP**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8TSSOP



**M24M01-HRMN6TP**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8SOIC



**M24LR64E-RMN6T/2.**  
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**M24LR64E-RMN6T**  
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**M24M01-DFCS6TP/K**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8WLCSP



**M24M01-DFMN6T**  
STMicroelectronics



**M24M01-RCS6TP/A**  
STMicroelectronics  
IC EEPROM 1MBIT I2C 1MHZ 8WLCSP



**M24M01-RMN6P**  
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IC EEPROM 1MBIT I2C 1MHZ 8SOIC



**M24M01-RMW6G**  
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IC EEPROM 1MBIT I2C 1MHZ 8SO



**M24M01-RMN6TRKHA**  
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**M24M01-RMN6TP**  
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IC EEPROM 1MBIT I2C 1MHZ 8SOIC



**M24M01-RDW6TP**  
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IC EEPROM 1MBIT I2C 1MHZ 8TSSOP



**M24M01-RCS6TP**  
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**M24LR64E-RMN6T/2**  
STMicroelectronics  
IC RFID TRANSP 13.56MHZ 8SO

## 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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## Certifications & Memberships



View More



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