



Image may be representation.  
See specifications for product details.



## M24C08-DRMN3TP/K

Manufacturer Part Number	<b>M24C08-DRMN3TP/K</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-M24C08-DRMN3TP/K
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 8KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>M24C08-A125.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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M24C08-DRMN3TP/K - STMicroelectronics.New Original in Stock. Download Linear Technology M24C08-DRMN3TP/K datasheet/specifications on AllelcoElec.com. Request a quote for M24C08-DRMN3TP/K, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

M24C08-DRMN3TP/K Tech Specifications  
M24C08-DRMN3TP/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	1.7V ~ 5.5V	Memory Size	8Kbit
Technology	EEPROM	Memory Organization	1K x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	Automotive, AEC-Q100	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	M24C08
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 M24C08-DRMN3TP/K

Product Attribute				
Part Number	M24C08-DRMN3TP/K	M24C08-RDS6TG	M24C08-FCT6TP/T	M24C08-FMC5TG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
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
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Clock Frequency	1 MHz	400 kHz	400 kHz	400 kHz
Memory Organization	1K x 8	1K x 8	1K x 8	1K x 8
Write Cycle Time - Word, Page	4ms	5ms	5ms	5ms
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	1.7V ~ 5.5V	1.8V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-20°C ~ 85°C (TA)
Base Product Number	M24C08	M24C08	M24C08	M24C08
Series	Automotive, AEC-Q100	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	4-XFBGA, WLCSP	8-UFDFN Exposed Pad
Supplier Device Package	8-SOIC	8-MSOP	4-WLCSP (0.70x0.71)	8-UFDFPN (2x3)
Access Time	450 ns	900 ns	900 ns	900 ns
Memory Size	8Kbit	8Kbit	8Kbit	8Kbit
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

### M24C08-DRMN3TP/K Datasheet PDF

Download M24C08-DRMN3TP/K pdf datasheets and STMicroelectronics documentation for M24C08-DRMN3TP/K - STMicroelectronics.

#### PCN Packaging

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

Mult Dev Label Chgs 29/Oct/2020.pdf

#### PCN Assembly/Origin






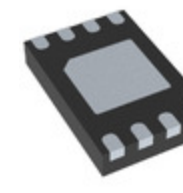












Assy/Test 10-Mar-2022.pdf

#### HTML Datasheet

M24C08-A125.pdf

### Customers Also Interested in

## Recommended Products

 <b>M24C08-RDS6TG</b> STMicroelectronics IC EEPROM 8KBIT I2C 400KHZ 8MSOP	 <b>M24C08</b> STMicroelectronics	 <b>M24C04WBN6P</b> STMicroelectronics	 <b>M24C04-WMN6TPGGB</b> STMicroelectronics	 <b>M24C08-FCT6TP/T</b> STMicroelectronics IC EEPROM 8KBIT I2C 4WLCSP	 <b>M24C08-FMC5TG</b> STMicroelectronics IC EEPROM 8KBIT I2C 8UFDFPN
 <b>M24C04WDW3TPSBSA</b> STMicroelectronics	 <b>M24C04-WMN6T</b> STMicroelectronics IC EEPROM 4KBIT I2C 400KHZ 8SOIC	 <b>M24C04WP</b> STMicroelectronics	 <b>M24C08-FDW6TP</b> STMicroelectronics IC EEPROM 8KBIT I2C 8TSSOP	 <b>M24C04-WMN6TP/S</b> STMicroelectronics	 <b>M24C08-FCT5TP/S</b> STMicroelectronics
 <b>M24C04-WMN6TP</b> STMicroelectronics IC EEPROM 4KBIT I2C 400KHZ 8SOIC	 <b>M24C08-FCS5TP/S</b> STMicroelectronics	 <b>M24C04WMN6TP</b> STMicroelectronics	 <b>M24C08-FMB5TG</b> STMicroelectronics IC EEPROM 8KBIT I2C 8UFDFPN	 <b>M24C08-DRMF3TG/K</b> STMicroelectronics IC EEPROM 8KBIT I2C 1MHZ 8MLP	 <b>M24C08-FMN6TP</b> STMicroelectronics IC EEPROM 8KBIT I2C 400KHZ 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 -

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Contact us if you have any questions.

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