



Image may be representation.
See specifications for product details.



M24512-WMN6TP

Manufacturer Part Number	M24512-WMN6TP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-M24512-WMN6TP
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC EEPROM 512KBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	M24512-x.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

M24512-WMN6TP - STMicroelectronics.New Original in Stock. Download Linear Technology M24512-WMN6TP datasheet/specifications on AllelcoElec.com.
Request a quote for M24512-WMN6TP, please send us email: info@allelco.com

Specifications

M24512-WMN6TP Tech Specifications

M24512-WMN6TP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	2.5V ~ 5.5V	Memory Size	512Kbit
Technology	EEPROM	Memory Organization	64K x 8
Supplier Device Package	8-SOIC	Memory Interface	I ² 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	M24512
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	500 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics M24512-WMN6TP

Product Attribute				
Part Number	M24512-WMN6TP	M24512-DRMN8TP/K	M24512-WMW6G	M24512-WMW6TG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	M24512	M24512	M24512	M24512
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Interface	I ² C	I ² C	I ² C	I ² C
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Write Cycle Time - Word, Page	5ms	4ms	10ms	10ms
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Memory Organization	64K x 8	64K x 8	64K x 8	64K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Access Time	500 ns	450 ns	500 ns	500 ns
Voltage - Supply	2.5V ~ 5.5V	1.8V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)
Series	-	Automotive, AEC-Q100	-	-
Memory Size	512Kbit	512Kbit	512Kbit	512Kbit
Supplier Device Package	8-SOIC	8-SOIC	8-SO	8-SO

M24512-WMN6TP Datasheet PDF

Download M24512-WMN6TP pdf datasheets and STMicroelectronics documentation for M24512-WMN6TP - STMicroelectronics.

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

[Mult Dev Inner Pkg Chg 30/Oct/2019.pdf](#)

PCN Other

[2.73KHz.pdf](#)




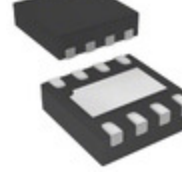













HTML Datasheet

[M24512-x.pdf](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
M24512-DRMN8TP/K STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	M24512-WMW6G STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SO	M24512-WMW6TG STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SO	M24512-RMB6TG STMicroelectronics IC EEPROM 512KBIT I2C 8UFDFPN	M24512-DRMN6TP STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	M24512-WMW6TG WMW6T STMicroelectronics
					
M24512RMN6TP STMicroelectronics	M24512-WMN6P STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	M24512-RDW6TP STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP	M24512-WMN3TP STMicroelectronics	M24512-RMN6TP STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	M24512-RMC6TG STMicroelectronics IC EEPROM 512KBIT I2C 8UFDFPN
					
M24512-RMN6P STMicroelectronics IC EEPROM 512KBIT I2C 1MHZ 8SOIC	M24512-WMN6TPAGB STMicroelectronics	M24512W6 STMicroelectronics	M24512-WMW6T STMicroelectronics	M24512-WMN6TPKHB STMicroelectronics	M24512-WDW6TP STMicroelectronics IC EEPROM 512KBIT I2C 8TSSOP

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



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