

Image may be representation.
See specifications for product details.



AT24C512N-10SU-1.8

Manufacturer Part Number	AT24C512N-10SU-1.8
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C512N-10SU-1.8
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 512KBIT I2C 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C512N-10SU-1.8 - Microchip Technology. New Original in Stock. Download Linear Technology AT24C512N-10SU-1.8 datasheet/specifications on AllelcoElec.com. Request a quote for AT24C512N-10SU-1.8, please send us email: info@allelco.com

Specifications

AT24C512N-10SU-1.8 Tech Specifications
AT24C512N-10SU-1.8 - 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	10ms	Memory Type	Non-Volatile
Voltage - Supply	1.8V ~ 3.6V	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	400 kHz
Package	Tube	Base Product Number	AT24C512
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	900 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C512N-10SU-1.8

Product Attribute				
Part Number	AT24C512N-10SU-1.8	AT24C512N-10SI-2.7	AT24C512C1-10CI-2.7	AT24C512N-10SU-2.7
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	8-SOIC	8-SOIC	8-LAP (8x5)	8-SOIC
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	AT24C512	AT24C512	AT24C512C	AT24C512
Memory Organization	64K x 8	64K x 8	64K x 8	64K x 8
Memory Interface	I ² C	I ² C	I ² C	I ² C
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Size	512Kbit	512Kbit	512Kbit	512Kbit
Package	Tube	Tube	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.8V ~ 3.6V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-TDFN	8-SOIC (0.154', 3.90mm Width)
Clock Frequency	400 kHz	1 MHz	1 MHz	1 MHz
Series	-	-	-	-
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Write Cycle Time - Word, Page	10ms	10ms	10ms	10ms

AT24C512N-10SU-1.8 Datasheet PDF

Download AT24C512N-10SU-1.8 pdf datasheets and Microchip Technology documentation for AT24C512N-10SU-1.8 - Microchip Technology.

Datasheets



















Cylindrical Battery Holders.pdf

PCN Packaging

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

Customers Also Interested in

Recommended Products

 AT24C512C-XHMEU-T Atmel (Microchip Technology)	 AT24C512N-10SI-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8SOIC	 AT24C512C2-CI2.7 Atmel (Microchip Technology)	 AT24C512C2-10CI Atmel (Microchip Technology)	 AT24C512C1-10CI-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8LAP	 AT24C512C1-CI2.7 Atmel (Microchip Technology)
 AT24C512CICI27 AT	 AT24C512N-10SU-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8SOIC	 AT24C512N-SI27 Atmel (Microchip Technology)	 AT24C64-10PC Microchip Technology IC EEPROM 64KBIT I2C 400KHZ 8DIP	 AT24C512W-10SU-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8SOIC	 AT24C512C2-10CI-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8LAP
 AT24C512N-10SU2.7 Atmel (Microchip Technology)	 AT24C512PI AT	 AT24C64 AT	 AT24C512C-XHM-T Microchip Technology IC EEPROM 512KBIT I2C 8TSSOP	 AT24C512W-10SI-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8SOIC	 AT24C512C1-10CU-2.7 Microchip Technology IC EEPROM 512KBIT I2C 1MHZ 8LAP

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.



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