

Image may be representation.
See specifications for product details.



25AA512-I/P

Manufacturer Part Number	25AA512-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-25AA512-I/P
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 512KBIT SPI 20MHZ 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

25AA512-I/P - Microchip Technology. New Original in Stock. Download Linear Technology 25AA512-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for 25AA512-I/P, please send us email: info@allelco.com

Specifications

25AA512-I/P Tech Specifications
25AA512-I/P - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Through Hole
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.8V ~ 5.5V	Memory Size	512Kbit
Technology	EEPROM	Memory Organization	64K x 8
Supplier Device Package	8-PDIP	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-DIP (0.300', 7.62mm)	Clock Frequency	20 MHz
Package	Tube	Base Product Number	25AA512
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25AA512-I/P

Product Attribute				
Part Number	25AA512-I/P	25AA320-I/P	25AA320A-I/SN	25AA640AT-I/MNY
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Organization	64K x 8	4K x 8	4K x 8	8K x 8
Package / Case	8-DIP (0.300', 7.62mm)	8-DIP (0.300', 7.62mm)	8-SOIC (0.154', 3.90mm Width)	8-WDFN Exposed Pad
Memory Size	512Kbit	32Kbit	32Kbit	64Kbit
Supplier Device Package	8-PDIP	8-PDIP	8-SOIC	8-TDFN (2x3)
Series	-	-	-	-
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Package	Tube	Tube	Tube	Tape & Reel (TR)
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Clock Frequency	20 MHz	1 MHz	10 MHz	10 MHz
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	25AA512	25AA320	25AA320	25AA640
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Memory Interface	SPI	SPI	SPI	SPI
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile

25AA512-I/P Datasheet PDF

Download 25AA512-I/P pdf datasheets and Microchip Technology documentation for 25AA512-I/P - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

Cylindrical Battery Holders.pdf

 25AA512 18/Aug/2021.pdf

 25AA512 24/Jun/2022.pdf

Customers Also Interested in

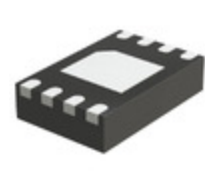
Recommended Products



25AA320-I/P
Microchip Technology
IC EEPROM 32KBIT SPI 1MHZ 8DIP



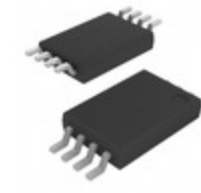
25AA320A-I/SN
Microchip Technology
IC EEPROM 32KBIT SPI 10MHZ 8SOIC



25AA640AT-I/MNY
Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8TDFN



25AA512-I/SN
Microchip Technology
IC EEPROM 512KBIT SPI 8SOIC



25AA320X-I/ST
Microchip Technology
IC EEPROM 32KBIT SPI 1MHZ 8TSSOP



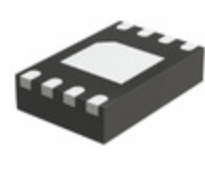
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Microchip Technology
IC EEPROM 32KBIT SPI 10MHZ 8MSOP



25AA320-I/SN
Microchip Technology
IC EEPROM 32KBIT SPI 1MHZ 8SOIC



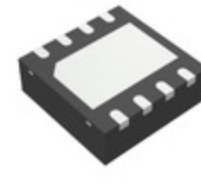
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Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8SOIC



25AA640AT-E/MNY
Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8TDFN



25AA512T-I/SN
Microchip Technology
IC EEPROM 512KBIT SPI 8SOIC



25AA512-I/MF
Microchip Technology
IC EEPROM 512KBIT SPI 20MHZ 8DFN



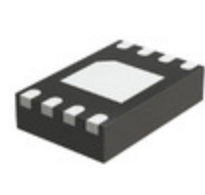
25AA640A-I/SN
Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8SOIC



25AA640A-E/ST
Microchip Technology
IC EEPROM 64KBIT SPI 8TSSOP



25AA640AT-I/MS
Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8MSOP



25AA320AT-I/MNY
Microchip Technology
IC EEPROM 32KBIT SPI 10MHZ 8TDFN



25AA640-I/SN
Microchip Technology
IC EEPROM 64KBIT SPI 1MHZ 8SOIC



25AA640A-I/P
Microchip Technology
IC EEPROM 64KBIT SPI 10MHZ 8DIP



25AA320T-I/SN
Microchip Technology
IC EEPROM 32KBIT SPI 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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
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Certifications & Memberships



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