

Image may be representation.
See specifications for product details.



25LC512-I/P

Manufacturer Part Number	25LC512-I/P
Manufacturer	Microchip Technology
Allelco Part Number	32D-25LC512-I/P
ECAD Model	PCB Symbol, Footprint & 3D Model
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

25LC512-I/P - Microchip Technology. New Original in Stock. Download Linear Technology 25LC512-I/P datasheet/specifications on AllelcoElec.com.
Request a quote for 25LC512-I/P, please send us email: info@allelco.com

Specifications

25LC512-I/P Tech Specifications

25LC512-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	2.5V ~ 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	25LC512
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 25LC512-I/P

Product Attribute				
Part Number	25LC512-I/P	25LC512T-E/SM	25LC512-E/MF	25LC320AT-I/SN
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	SPI	SPI	SPI	SPI
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-DIP (0.300", 7.62mm)	8-SOIC (0.209", 5.30mm Width)	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Memory Size	512Kbit	512Kbit	512Kbit	32Kbit
Series	-	-	-	-
Clock Frequency	20 MHz	20 MHz	20 MHz	10 MHz
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	25LC512	25LC512	25LC512	25LC320
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	8-PDIP	8-SOIJ	8-DFN-S (6x5)	8-SOIC
Memory Organization	64K x 8	64K x 8	64K x 8	4K x 8
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms

25LC512-I/P Datasheet PDF

Download 25LC512-I/P pdf datasheets and Microchip Technology documentation for 25LC512-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


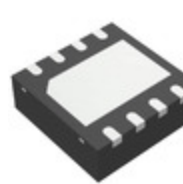





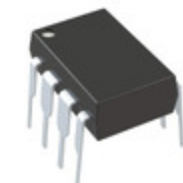








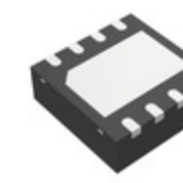

[Cylindrical Battery Holders.pdf](#)

 25LC512 13/Jul/2022.pdf

 25LC512 18/Aug/2021.pdf

Customers Also Interested in

Recommended Products

					
25LC512T-E/SM Microchip Technology IC EEPROM 512KBIT SPI 8SOIJ	25LC512-E/MF Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DFN	25LC320AT-I/SN Microchip Technology IC EEPROM 32KBIT SPI 10MHZ 8SOIC	25LC320XT-I/ST Microchip Technology IC EEPROM 32KBIT SPI 2MHZ 8TSSOP	25LC32A-E/SN Micrel / Microchip Technology	25LC640-I/SN Microchip Technology IC EEPROM 64KBIT SPI 2MHZ 8SOIC
					
25LC512T-E/SN Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	25LC640-I/P Microchip Technology IC EEPROM 64KBIT SPI 2MHZ 8DIP	25LC512-I/SN Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	25LC640 Micrel / Microchip Technology	25LC512-E/SM Microchip Technology IC EEPROM 512KBIT SPI 8SOIJ	25LC512T-I/SN Microchip Technology IC EEPROM 512KBIT SPI 8SOIC
					
25LC512-I/SM Microchip Technology IC EEPROM 512KBIT SPI 8SOIJ	25LC512-E/SN Microchip Technology IC EEPROM 512KBIT SPI 8SOIC	25LC640-E/SN Microchip Technology IC EEPROM 64KBIT SPI 3MHZ 8SOIC	25LC320T-I/SN Microchip Technology IC EEPROM 32KBIT SPI 2MHZ 8SOIC	25LC512-I/MF Microchip Technology IC EEPROM 512KBIT SPI 20MHZ 8DFN	25LC32AE/SN Micrel / Microchip Technology

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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