

Image may be representation.
See specifications for product details.



23LC512-I/ST

Manufacturer Part Number	23LC512-I/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-23LC512-I/ST
ECAD Model	Request Free CAD Models
Parts Description	IC SRAM 512KBIT SPI/QUAD 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	Serial Memory Brochure.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

23LC512-I/ST - Microchip Technology.New Original in Stock. Download Linear Technology 23LC512-I/ST datasheet/specifications on AllelcoElec.com.
Request a quote for 23LC512-I/ST, please send us email: info@allelco.com

Specifications

23LC512-I/ST Tech Specifications

23LC512-I/ST - 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	-	Memory Type	Volatile
Voltage - Supply	2.5V ~ 5.5V	Memory Size	512Kbit
Technology	SRAM	Memory Organization	64K x 8
Supplier Device Package	8-TSSOP	Memory Interface	SPI - Quad I/O
Series	-	Memory Format	SRAM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	20 MHz
Package	Tube	Base Product Number	23LC512
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 23LC512-I/ST

Product Attribute				
Part Number	23LC512-I/ST	NV24C08MUW3VLTBG	MT29F8G08ADBDAH4-IT:D	23LC1024-I/ST
Manufacturer	Microchip Technology	onsemi	Micron Technology Inc.	Microchip Technology
Voltage - Supply	2.5V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 1.95V	2.5V ~ 5.5V
Technology	SRAM	EEPROM	FLASH - NAND	SRAM
Memory Format	SRAM	EEPROM	FLASH	SRAM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-UDFN Exposed Pad	63-VFBGA	8-TSSOP (0.173", 4.40mm Width)
Clock Frequency	20 MHz	1 MHz	-	20 MHz
Series	-	Automotive, AEC-Q100	-	-
Memory Organization	64K x 8	1K x 8	1G x 8	128K x 8
Base Product Number	23LC512	NV24C08	MT29F8G08	23LC1024
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Type	Volatile	Non-Volatile	Non-Volatile	Volatile
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tube	Tape & Reel (TR)	Tray	Tube
Memory Size	512Kbit	8Kbit	8Gbit	1Mbit
Supplier Device Package	8-TSSOP	8-UDFN (2x3)	63-VFBGA (9x11)	8-TSSOP
Memory Interface	SPI - Quad I/O	I ² C	Parallel	SPI - Quad I/O
Write Cycle Time - Word, Page	-	4ms	-	-

23LC512-I/ST Datasheet PDF

Download 23LC512-I/ST pdf datasheets and Microchip Technology documentation for 23LC512-I/ST - Microchip Technology.

Datasheets

Serial Memory Brochure.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

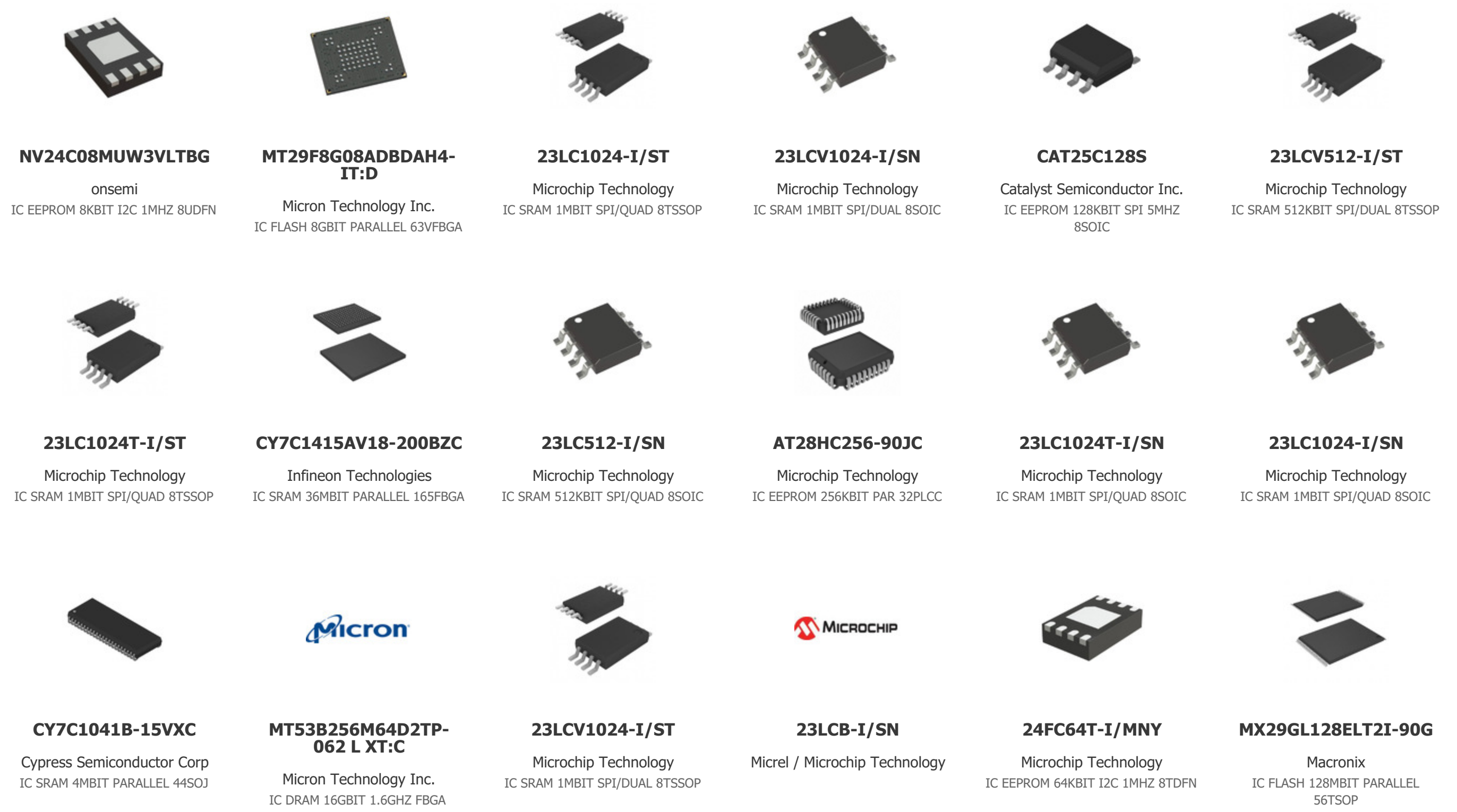
Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

23A512/23LC512 10/May/2022.pdf

Customers Also Interested in

Recommended Products



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.

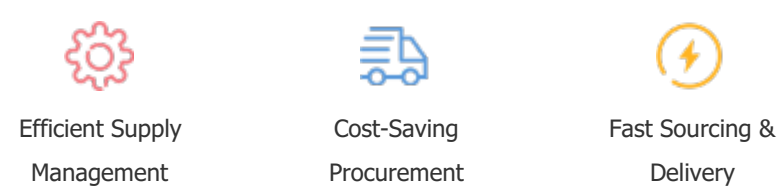
Payment Support

The payment method can be chosen from the methods shown below:

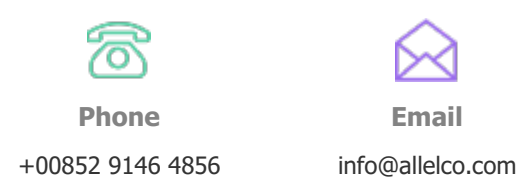
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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