

Image may be representation.
See specifications for product details.



23LC1024-I/ST

Manufacturer Part Number	23LC1024-I/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-23LC1024-I/ST
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC SRAM 1MBIT SPI/QUAD 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	23(A,LC)1024.pdf Serial Memory Brochure.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

23LC1024-I/ST - Microchip Technology. New Original in Stock. Download Linear Technology 23LC1024-I/ST datasheet/specifications on AllelcoElec.com.
Request a quote for 23LC1024-I/ST, please send us email: info@allelco.com

Specifications

23LC1024-I/ST Tech Specifications

23LC1024-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	1Mbit
Technology	SRAM	Memory Organization	128K 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	23LC1024
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 23LC1024-I/ST

Product Attribute				
Part Number	23LC1024-I/ST	23LC512-I/SN	IDT71V256SA12Y	NAND512R3A2DZA6E
Manufacturer	Microchip Technology	Microchip Technology	Renesas Electronics America Inc	Micron Technology Inc.
Memory Format	SRAM	SRAM	SRAM	FLASH
Supplier Device Package	8-TSSOP	8-SOIC	28-SOJ	63-VFBGA (9x11)
Series	-	-	-	-
Clock Frequency	20 MHz	20 MHz	-	-
Write Cycle Time - Word, Page	-	-	12ns	50ns
Base Product Number	23LC1024	23LC512	IDT71V256	NAND512
Memory Type	Volatile	Volatile	Volatile	Non-Volatile
Memory Interface	SPI - Quad I/O	SPI - Quad I/O	Parallel	Parallel
Memory Organization	128K x 8	64K x 8	32K x 8	64M x 8
Package	Tube	Tube	Tube	Tray
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	28-BSOJ (0.300", 7.62mm Width)	63-TFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	3V ~ 3.6V	1.7V ~ 1.95V
Technology	SRAM	SRAM	SRAM - Asynchronous	FLASH - NAND
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Memory Size	1Mbit	512Kbit	256Kbit	512Mbit

23LC1024-I/ST Datasheet PDF

Download 23LC1024-I/ST pdf datasheets and Microchip Technology documentation for 23LC1024-I/ST - Microchip Technology.

Datasheets

[23\(A,LC\)1024.pdf](#)

[Serial Memory Brochure.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)











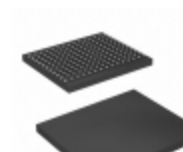







[Packing Changes 10/Oct/2016.pdf](#)

PCN Design/Specification

[23A1024/23LC1024 20/Jul/2022.pdf](#)

Customers Also Interested in

Recommended Products

					
23LC512-I/SN Microchip Technology IC SRAM 512KBIT SPI/QUAD 8SOIC	IDT71V256SA12Y Renesas Electronics America Inc IC SRAM 256KBIT PARALLEL 28SOJ	NAND512R3A2DZA6E Micron Technology Inc. IC FLASH 512MBIT PAR 63VFBGA	S25FL032P0XMFA010 Infineon Technologies IC FLASH 32MBIT SPI/QUAD 8SOIC	CAT93C86SI-TE13 Catalyst Semiconductor Inc. IC EEPROM 16KBIT MICROWIRE 8SOIC	23LCV512-I/ST Microchip Technology IC SRAM 512KBIT SPI/DUAL 8TSSOP
					
23LC1024T-I/ST Microchip Technology IC SRAM 1MBIT SPI/QUAD 8TSSOP	23LC512-I/ST Microchip Technology IC SRAM 512KBIT SPI/QUAD 8TSSOP	23LCV1024-I/ST Microchip Technology IC SRAM 1MBIT SPI/DUAL 8TSSOP	SST39VF6402B-70-4C-B1KE Microchip Technology IC FLASH 64MBIT PARALLEL 48TFBGA	CY7C1302DV25-167BZXC Infineon Technologies IC SRAM 9MBIT PAR 167MHZ 165FBGA	23LCV1024-I/SN Microchip Technology IC SRAM 1MBIT SPI/DUAL 8SOIC
					
S25FL256SAGMFB010 Nexperia USA Inc. S25FL256S - 256-Mbit, 3.0V CMOS	M24C32-WBN6P STMicroelectronics IC EEPROM 32KBIT I2C 1MHZ 8DIP	23LC1024T-I/SN Microchip Technology IC SRAM 1MBIT SPI/QUAD 8SOIC	23LCB-I/SN Micrel / Microchip Technology	23LC1024-I/SN Microchip Technology IC SRAM 1MBIT SPI/QUAD 8SOIC	AT25160A-10TU-1.8 Microchip Technology IC EEPROM 16KBIT SPI 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.

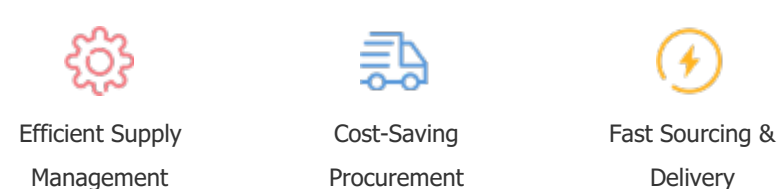
Contact us if you have any questions.

Payment Support

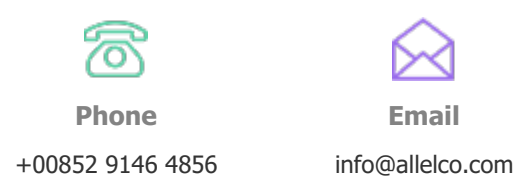
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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