



Image may be representation.
See specifications for product details.



48LM01-I/SM

Manufacturer Part Number	48LM01-I/SM
Manufacturer	Microchip Technology
Allelco Part Number	32D-48LM01-I/SM
ECAD Model	PCB Footprint and Symbol
Parts Description	IC EERAM 1MBIT SPI 66MHZ 8SOIJ
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	48L512, 48LM01.pdf
RoHs Status	ROHS3 Compliant

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48LM01-I/SM - Microchip Technology. New Original in Stock. Download Linear Technology 48LM01-I/SM datasheet/specifications on AllelcoElec.com.
Request a quote for 48LM01-I/SM, please send us email: info@allelco.com

Specifications

48LM01-I/SM Tech Specifications
48LM01-I/SM - 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	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	1Mbit
Technology	EEPROM, SRAM	Memory Organization	128K x 8
Supplier Device Package	8-SOIJ	Memory Interface	SPI
Series	-	Memory Format	EERAM
Package / Case	8-SOIC (0.209", 5.30mm Width)	Clock Frequency	66 MHz
Package	Tube	Base Product Number	48LM01
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 48LM01-I/SM

Product Attribute				
Part Number	48LM01-I/SM	AT45DB081B-RC	MX60LF8G18AC-TI	MX29GL128FLT21-70G
Manufacturer	Microchip Technology	Microchip Technology	Macronix	Macronix
Memory Organization	128K x 8	264 Bytes x 4096 pages	1G x 8	16M x 8
Base Product Number	48LM01	AT45DB081	MX60LF8	MX29GL128
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Technology	EEPROM, SRAM	FLASH	FLASH - NAND (SLC)	FLASH - NOR
Memory Size	1Mbit	8Mbit	8Gbit	128Mbit
Write Cycle Time - Word, Page	-	14ms	20ns	70ns
Series	-	-	MX60LF	MX29GL
Package / Case	8-SOIC (0.209", 5.30mm Width)	28-SOIC (0.342", 8.69mm Width)	48-TFSOP (0.724", 18.40mm Width)	56-TFSOP (0.724", 18.40mm Width)
Package	Tube	Tube	Tray	Tray
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Interface	SPI	SPI	Parallel	Parallel
Supplier Device Package	8-SOIJ	28-SOIC	48-TSOP	56-TSOP
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TC)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Format	EERAM	FLASH	FLASH	FLASH
Clock Frequency	66 MHz	20 MHz	-	-

48LM01-I/SM Datasheet PDF

Download 48LM01-I/SM pdf datasheets and Microchip Technology documentation for 48LM01-I/SM - Microchip Technology.

Datasheets

[48L512, 48LM01.pdf](#)

PCN Obsolescence/ EOL

[Obsolete Notice 03/Oct/2022.pdf](#)

Customers Also Interested in

Recommended Products



48LC4M32B2-7G

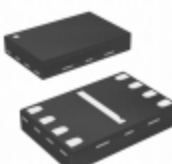
MT



NO PICTURE

48LC4M16A2

MI



GD25LD20CEIGR

GigaDevice Semiconductor (HK) Limited
IC FLSH 2MBIT SPI/DUAL I/O 8USON

AT45DB081B-RC

Microchip Technology
IC FLASH 8MBIT SPI 20MHZ 28SOIC



48LC16M16A2P-6AIT:G

Micron Technology

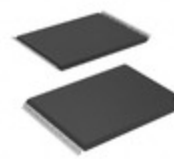


48LC16M16A2-75ITD

Micron Technology

MX60LF8G18AC-TI

Macronix
IC FLASH 8GBIT PARALLEL 48TSOP



MX29GL128FLT2I-70G

Macronix
IC FLASH 128MBIT PARALLEL 56TSOP



S25FL032P0XMFB003

Infineon Technologies
IC FLASH 32MBIT SPI/QUAD 16SOIC

48LC16M16A2

MT



NO PICTURE

48LC8M32B2-7

N/A



NO PICTURE

48LC4M16A2-75F

MT

48LC16M16A2-75LB

Micron Technology



NO PICTURE

48LC4M16A2-75G

MT



NO PICTURE

48LC16M4A2

MT

48LC8M16A2

TSOP-54



MX25R3235FM1I10

Macronix
IC FLASH 32MBIT SPI/QUAD 8SOP



NO PICTURE

48LC4M16A2-6A

MT

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.



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Certifications & Memberships



View More



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