

Image may be representation.
See specifications for product details.



47L16T-E/ST

Manufacturer Part Number	47L16T-E/ST
Manufacturer	Microchip Technology
Allelco Part Number	32D-47L16T-E/ST
ECAD Model	Request Free CAD Models
Parts Description	IC EERAM 16KBIT I2C 1MHZ 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	47x04, 47x16.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

47L16T-E/ST - Microchip Technology. New Original in Stock. Download Linear Technology 47L16T-E/ST datasheet/specifications on AllelcoElec.com.
Request a quote for 47L16T-E/ST, please send us email: info@allelco.com

Specifications

47L16T-E/ST Tech Specifications
47L16T-E/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	1ms	Memory Type	Non-Volatile
Voltage - Supply	2.7V ~ 3.6V	Memory Size	16Kbit
Technology	EEPROM, SRAM	Memory Organization	2K x 8
Supplier Device Package	8-TSSOP	Memory Interface	I ² C
Series	-	Memory Format	EERAM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	47L16
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	400 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 47L16T-E/ST

Product Attribute				
Part Number	47L16T-E/ST	MT28EW512ABA1LJS-0AAT	S29AS008J70BF1030	47L16-I/SN
Manufacturer	Microchip Technology	Micron Technology Inc.	Infineon Technologies	Microchip Technology
Memory Organization	2K x 8	64M x 8, 32M x 16	1M x 8, 512K x 16	2K x 8
Voltage - Supply	2.7V ~ 3.6V	2.7V ~ 3.6V	1.65V ~ 1.95V	2.7V ~ 3.6V
Package / Case	8-TSSOP (0.173", 4.40mm Width)	56-TFSOP (0.724", 18.40mm Width)	48-VFBGA	8-SOIC (0.154", 3.90mm Width)
Memory Size	16Kbit	512Mbit	8Mbit	16Kbit
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Write Cycle Time - Word, Page	1ms	60ns	70ns	1ms
Memory Format	EERAM	FLASH	FLASH	EERAM
Supplier Device Package	8-TSSOP	56-TSOP	48-FBGA (8.15x6.15)	8-SOIC
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	47L16	MT28EW512	S29AS008	47L16
Clock Frequency	1 MHz	-	-	1 MHz
Access Time	400 ns	105 ns	70 ns	400 ns
Memory Interface	I ² C	Parallel	Parallel	I ² C
Series	-	Automotive, AEC-Q100	AS-J	-
Package	Tape & Reel (TR)	Tube	Tray	Tube
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Technology	EEPROM, SRAM	FLASH - NOR	FLASH - NOR	EEPROM, SRAM

47L16T-E/ST Datasheet PDF

Download 47L16T-E/ST pdf datasheets and Microchip Technology documentation for 47L16T-E/ST - Microchip Technology.

PCN Packaging

Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

47L04/47C04/47L16/47C16 10/Mar/2022.pdf


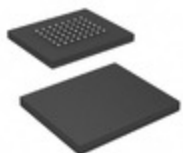




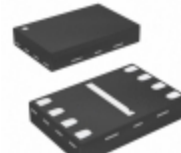






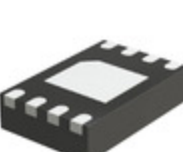




47L04/47C04/47L16/47C16 31/Jan/2018.pdf

HTML Datasheet

47x04, 47x16.pdf

Customers Also Interested in

Recommended Products

 <p>MT28EW512ABA1LJS-0AAT Micron Technology Inc. IC FLASH 512MBIT PARALLEL 56TSOP</p>	 <p>S29AS008J70BF1030 Infineon Technologies IC FLASH 8MBIT PARALLEL 48FBGA</p>	 <p>47L16-I/SN Microchip Technology IC EERAM 16KBIT I2C 1MHZ 8SOIC</p>	 <p>47L16T-I/ST Microchip Technology IC EERAM 16KBIT I2C 1MHZ 8TSSOP</p>	 <p>AT27C010-55JI Microchip Technology IC EPROM 1MBIT PARALLEL 32PLCC</p>	 <p>W25Q64JVSSIQ Winbond Electronics IC FLASH 64MBIT SPI/QUAD 8SOIC</p>
 <p>GD25Q40CEIGR GigaDevice Semiconductor (HK) Limited IC FLASH 4MBIT SPI/QUAD 8USON</p>	 <p>AT24C128W-10SI-1.8 Microchip Technology IC EEPROM 128KBIT I2C 8SOIC</p>	 <p>IS64WV51216BLL-10CTLA3-TR ISSI, Integrated Silicon Solution Inc IC SRAM 8MBIT PARALLEL 44TSOP II</p>	 <p>IS43LR16320B-6BLI ISSI, Integrated Silicon Solution Inc IC DRAM 512MBIT PAR 60TFBGA</p>	 <p>47L04-I/SN Microchip Technology IC EERAM 4KBIT I2C 1MHZ 8SOIC</p>	 <p>47L04T-I/SN Microchip Technology IC EERAM 4KBIT I2C 1MHZ 8SOIC</p>
 <p>24LC64-I/P Microchip Technology IC EEPROM 64KBIT I2C 400KHZ 8DIP</p>	 <p>24LC025T-I/MNY Microchip Technology IC EEPROM 2KBIT I2C 400KHZ 8TDFN</p>	 <p>MT48LC16M8A2P-7E:G Micron Technology Inc. IC DRAM 128MBIT PAR 54TSOP II</p>	 <p>IDT71V546S133PF Renesas Electronics America Inc IC SRAM 4.5MBIT PARALLEL 100TQFP</p>	 <p>AT25160B-XHL-T Microchip Technology IC EEPROM 16KBIT SPI 8TSSOP</p>	 <p>47L16-I/ST Microchip Technology IC EERAM 16KBIT I2C 1MHZ 8TSSOP</p>

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

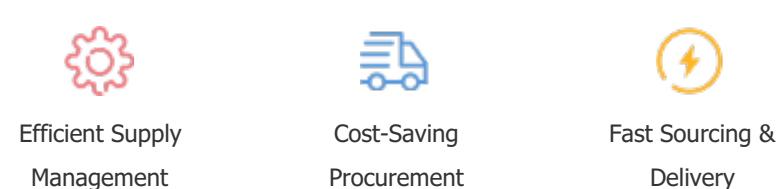
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

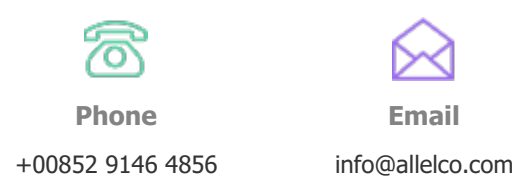
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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