

Image may be representation.
See specifications for product details.



AT24C16D-PUM

Manufacturer Part Number	AT24C16D-PUM
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C16D-PUM
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 16KBIT I2C 1MHZ 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	AT24C16D-PUM.pdf
RoHs Status	ROHS3 Compliant

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AT24C16D-PUM - Microchip Technology. New Original in Stock. Download Linear Technology AT24C16D-PUM datasheet/specifications on AllelcoElec.com. Request a quote for AT24C16D-PUM, please send us email: info@allelco.com

Specifications

AT24C16D-PUM Tech Specifications

AT24C16D-PUM - 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	1.7V ~ 3.6V	Memory Size	16Kbit
Technology	EEPROM	Memory Organization	2K x 8
Supplier Device Package	8-PDIP	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-DIP (0.300', 7.62mm)	Clock Frequency	1 MHz
Package	Tube	Base Product Number	AT24C16D
Operating Temperature	-40°C ~ 85°C (TC)	Access Time	450 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C16D-PUM

Product Attribute				
Part Number	AT24C16D-PUM	AT24C16D-MAHM-E	AT24C16C-STUM-T	AT24C16D-STUM-T
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Supplier Device Package	8-PDIP	8-UDFN (2x3)	SOT-23-5	SOT-23-5
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Base Product Number	AT24C16D	AT24C16D	AT24C16C	AT24C16D
Package / Case	8-DIP (0.300', 7.62mm)	8-UDFN Exposed Pad	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5
Series	-	-	-	-
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Voltage - Supply	1.7V ~ 3.6V	1.7V ~ 3.6V	1.7V ~ 5.5V	1.7V ~ 3.6V
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TC)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Organization	2K x 8	2K x 8	2K x 8	2K x 8
Memory Interface	I ² C	I ² C	I ² C	I ² C
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Access Time	450 ns	450 ns	550 ns	450 ns
Memory Size	16Kbit	16Kbit	16Kbit	16Kbit

AT24C16D-PUM Datasheet PDF

Download AT24C16D-PUM pdf datasheets and Microchip Technology documentation for AT24C16D-PUM - Microchip Technology.

PCN Packaging

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

Boxes 07/Dec/2016.pdf

PCN Design/Specification

AT24C16D 03/Feb/2020.pdf



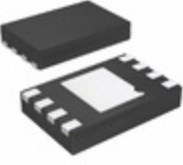







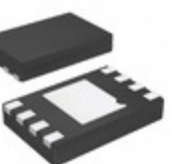



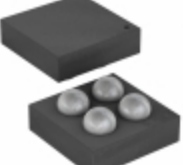



AT24C16D 31/Mar/2021.pdf

PCN Assembly/Origin

Test Site 07/Apr/2022.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE				
AT24C16D-XMH-T AT	AT24C16D-XMH AT	AT24C16D-MAHM-E Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8UDFN	AT24C16C-STUM-T Microchip Technology IC EEPROM 16KBIT I2C SOT23-5	AT24C16C-XPDGV-T Atmel (Microchip Technology)	AT24C16D-STUM-T Microchip Technology IC EEPROM 16KBIT I2C SOT23-5
					
AT24C16D-XMH-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8TSSOP	AT24C16C-XHM-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8TSSOP	AT24C16N Atmel (Microchip Technology)	AT24C16D-MAHM Atmel (Microchip Technology)	AT24C16D-MAHM-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8UDFN	AT24C16D-SSHM-B Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8SOIC
	 NO PICTURE				
AT24C16D-SSHM-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8SOIC	AT24C16M AT	AT24C16D-UUM0B-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 4WLCSP	AT24C16D-PU27 Atmel (Microchip Technology)	AT24C16D-XHM-B Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8TSSOP	AT24C16C-SSPD-T Microchip Technology IC EEPROM 16KBIT I2C 1MHZ 8SOIC

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.

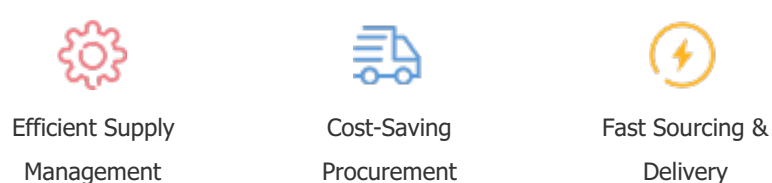
Payment Support

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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