

Image may be representation.
See specifications for product details.



AT24C08D-CUM-T

Manufacturer Part Number	AT24C08D-CUM-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C08D-CUM-T
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 8KBIT I2C 1MHZ 8VFBGA
Package	8-VFBGA
Data sheet	AT24C08D Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C08D-CUM-T - Microchip Technology.New Original in Stock. Download Linear Technology AT24C08D-CUM-T datasheet/specifications on AllelcoElec.com.
Request a quote for AT24C08D-CUM-T, please send us email: info@allelco.com

Specifications

AT24C08D-CUM-T Tech Specifications
AT24C08D-CUM-T - 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	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 3.6V	Memory Size	8Kbit
Technology	EEPROM	Memory Organization	1K x 8
Supplier Device Package	8-VFBGA (1.5x2)	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-VFBGA	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT24C08
Operating Temperature	-40°C ~ 85°C (TC)	Access Time	4.5 μs

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C08D-CUM-T

Product Attribute				
Part Number	AT24C08D-CUM-T	AT24C08N-10SC	AT24C08C-SSHM-T	AT24C08D-STUM-T
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Microchip Technology
Memory Interface	I ² C	I ² C	I ² C	I ² C
Memory Size	8Kbit	8Kbit	8Kbit	8Kbit
Operating Temperature	-40°C ~ 85°C (TC)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)
Supplier Device Package	8-VFBGA (1.5x2)	8-SOIC	8-SOIC	SOT-23-5
Series	-	-	-	-
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Package / Case	8-VFBGA	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SOT-23-5 Thin, TSOT-23-5
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Clock Frequency	1 MHz	400 kHz	1 MHz	1 MHz
Base Product Number	AT24C08	AT24C08	AT24C08	AT24C08
Voltage - Supply	1.7V ~ 3.6V	4.5V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 3.6V
Access Time	4.5 μs	900 ns	550 ns	4.5 μs
Memory Organization	1K x 8	1K x 8	1K x 8	1K x 8

AT24C08D-CUM-T Datasheet PDF

Download AT24C08D-CUM-T pdf datasheets and Microchip Technology documentation for AT24C08D-CUM-T - Microchip Technology.

Datasheets

AT24C08D Datasheet.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf









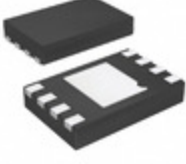



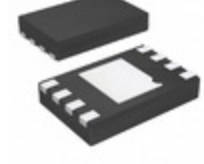





PCN Design/Specification

Marking Chgs 11/Jul/2017.pdf

AT24C08D DataSheet Update 10/Feb/2017.pdf

Customers Also Interested in

Recommended Products

					
AT24C08N-10SC Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8SOIC	AT24C08C-SSHM-T Atmel IC EEPROM 8KBIT I2C 1MHZ 8SOIC	AT24C08D-STUM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ SOT23-5	AT24C08C-SSHM Atmel (Microchip Technology)	AT24C08D-SSHM-B Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8SOIC	AT24C08C-XHM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8TSSOP
					
AT24C08C-PUM Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8DIP	AT24C08D-XHM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8TSSOP	AT24C08D-MAHM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8UDFN	AT24C08C-STUM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ SOT23-5	AT24C08C-SSPD-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8SOIC	AT24C08D-SSHM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8SOIC
					
AT24C08C-MAHM-T Microchip Technology IC EEPROM 8KBIT I2C 1MHZ 8UDFN	AT24C08C-MAHM-T-ND Atmel (Microchip Technology)	AT24C08N-10SC-1.8 Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8SOIC	AT24C08N-10SC-2.7 Microchip Technology IC EEPROM 8KBIT I2C 400KHZ 8SOIC	AT24C08N XINBOLE	AT24C08C-SSHM-T Microchip Technology IC EEPROM 8KBIT 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.

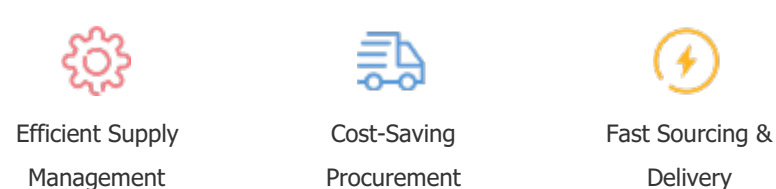
Payment Support

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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