

Image may be representation.
See specifications for product details.



AT24C02D-PUM

Manufacturer Part Number	AT24C02D-PUM
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C02D-PUM
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 2KBIT I2C 1MHZ 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C02D-PUM - Microchip Technology. New Original in Stock. Download Linear Technology AT24C02D-PUM datasheet/specifications on AllelcoElec.com. Request a quote for AT24C02D-PUM, please send us email: info@allelco.com

Specifications

AT24C02D-PUM Tech Specifications

AT24C02D-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	2Kbit
Technology	EEPROM	Memory Organization	256 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	AT24C02
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 AT24C02D-PUM

Product Attribute				
Part Number	AT24C02D-PUM	AT24C02N-10SC	AT24C02C-XHM-B	AT24C02C-XHM-T
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Clock Frequency	1 MHz	400 kHz	1 MHz	1 MHz
Package / Case	8-DIP (0.300', 7.62mm)	8-SOIC (0.154', 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173', 4.40mm Width)
Supplier Device Package	8-PDIP	8-SOIC	8-TSSOP	8-TSSOP
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.7V ~ 3.6V	4.5V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Memory Interface	I ² C	I ² C	I ² C	I ² C
Package	Tube	Tube	Tube	Tape & Reel (TR)
Series	-	-	-	-
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Base Product Number	AT24C02	AT24C02	AT24C02	AT24C02
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TC)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Access Time	4.5 µs	900 ns	550 ns	550 ns

AT24C02D-PUM Datasheet PDF

Download AT24C02D-PUM pdf datasheets and Microchip Technology documentation for AT24C02D-PUM - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

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

Boxes 07/Dec/2016.pdf

PCN Design/Specification

Copper Bond Wire 03/Dec/2014.pdf

AT24C01D/02D Datasheet 27/Nov/2018.pdf

PCN Assembly/Origin

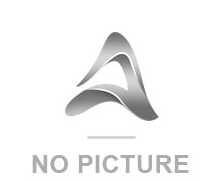


Customers Also Interested in

Recommended Products

**AT24C02N-10SC**Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ
8SOIC**AT24C02C-XHM-B**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP**AT24C02C-XHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP**AT24C02C-SSHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8SOIC**AT24C02D-MAHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8UDFN**AT24C02D-SSHM-B**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8SOIC**AT24C02D-XHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP**AT24C02D-STUM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ SOT23-5**AT24C02N**

Atmel (Microchip Technology)

**AT24C02N SU27**

CHINA

**AT24C02D-SSHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8SOIC**AT24C02D-XHM-B**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP**AT24C02C-SSHM-B**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8SOIC**AT24C02C-PUM**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8DIP**AT24C02C-STUM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ SOT23-5**AT24C02M**

AT

**AT24C02M/TR**

HG/HX

**AT24C02C-SSHM**

AT

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.



Phone

+00852 9146 4856



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info@allelco.com

Certifications & Memberships



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