

Image may be representation.
See specifications for product details.



AT34C02D-XHM-T

Manufacturer Part Number	AT34C02D-XHM-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT34C02D-XHM-T
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 2KBIT I2C 1MHZ 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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AT34C02D-XHM-T - Microchip Technology.New Original in Stock. Download Linear Technology AT34C02D-XHM-T datasheet/specifications on AllelcoElec.com.
Request a quote for AT34C02D-XHM-T, please send us email: info@allelco.com

Specifications

AT34C02D-XHM-T Tech Specifications
AT34C02D-XHM-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 ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-TSSOP	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT34C02
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT34C02D-XHM-T

Product Attribute				
Part Number	AT34C02D-XHM-T	AT34C02N-10SC-2.7	AT34C02D-SSHM-T	AT34C02N-10SI-2.7
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-TSSOP	8-SOIC	8-SOIC	8-SOIC
Voltage - Supply	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TC)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TC)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Series	-	-	-	-
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Write Cycle Time - Word, Page	5ms	10ms	5ms	10ms
Clock Frequency	1 MHz	400 kHz	1 MHz	400 kHz
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I ² C	I ² C	I ² C	I ² C
Base Product Number	AT34C02	AT34C02	AT34C02	AT34C02
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)

AT34C02D-XHM-T Datasheet PDF

Download AT34C02D-XHM-T pdf datasheets and Microchip Technology documentation for AT34C02D-XHM-T - 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

[Cylindrical Battery Holders.pdf](#)

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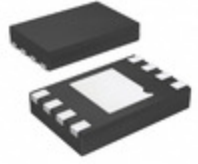
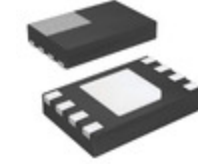
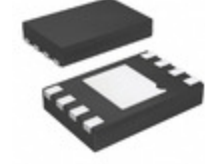
Recommended Products

**AT35950**

Atmel (Microchip Technology)

AT34C02N-10SC-2.7Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ
8SOIC**AT34C02D-SSHM-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8SOIC**AT34C02N-10SI-2.7**Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ
8SOIC**AT34C02CN-SH-T**Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ
8SOIC**AT350V**

Avago Technologies (Broadcom)

**AT34C04-MA5M-T**Microchip Technology
IC EEPROM 4KBIT I2C 1MHZ 8UDFN**AT34C02D-XHMH-T**Microchip Technology
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP**AT34C02C-TH-T**Atmel
IC EEPROM 2KBIT I2C 8TSSOP**AT34C02CN-SH-B**Microchip Technology
IC EEPROM 2KBIT I2C 400KHZ
8SOIC**AT34C02C-TH-T**Microchip Technology
IC EEPROM 2KBIT I2C 8TSSOP**AT34C02CY6-YH-T**Microchip Technology
IC EEPROM 2KBIT I2C 8MINI MAP**AT34C1**

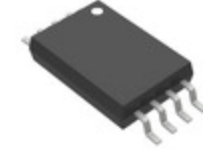
Atmel (Microchip Technology)

AT34C02D-MAHM-TMicrochip Technology
IC EEPROM 2KBIT I2C 1MHZ 8UDFN**AT34C02CU3-UU-T**

Atmel (Microchip Technology)

**AT34C02CY6**

Atmel (Microchip Technology)

**AT34C02C-TH-B**Atmel
IC EEPROM 2KBIT I2C 8TSSOP**AT34C02NC3**

Atmel (Microchip Technology)

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,
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Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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