

Image may be representation.
See specifications for product details.



AT24C02BY6-YH-T

Manufacturer Part Number	AT24C02BY6-YH-T
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT24C02BY6-YH-T
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 2KBIT I2C 8MINI MAP
Package	8-UFDNF Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT24C02BY6-YH-T - Microchip Technology.New Original in Stock. Download Linear Technology AT24C02BY6-YH-T datasheet/specifications on AllelcoElec.com.
Request a quote for AT24C02BY6-YH-T, please send us email: info@allelco.com

Specifications

AT24C02BY6-YH-T Tech Specifications
AT24C02BY6-YH-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	1.8V ~ 5.5V	Memory Size	2Kbit
Technology	EEPROM	Memory Organization	256 x 8
Supplier Device Package	8-Mini Map (2x3)	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-UFDNF Exposed Pad	Clock Frequency	1 MHz
Package	Tape & Reel (TR)	Base Product Number	AT24C02
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	550 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24C02BY6-YH-T

Product Attribute				
Part Number	AT24C02BY6-YH-T	AT24C02C-PUM	AT24C02C-MAHM-E	AT24C02C-SSHM-T
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 8	256 x 8	256 x 8	256 x 8
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Interface	I ² C	I ² C	I ² C	I ² C
Series	-	-	-	-
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Supplier Device Package	8-Mini Map (2x3)	8-PDIP	8-UFDNF (2x3)	8-SOIC
Voltage - Supply	1.8V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Package / Case	8-UFDNF Exposed Pad	8-DIP (0.300", 7.62mm)	8-UFDNF Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Memory Size	2Kbit	2Kbit	2Kbit	2Kbit
Access Time	550 ns	550 ns	550 ns	550 ns
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Base Product Number	AT24C02	AT24C02	AT24C02	AT24C02
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)

AT24C02BY6-YH-T Datasheet PDF

Download AT24C02BY6-YH-T pdf datasheets and Microchip Technology documentation for AT24C02BY6-YH-T - Microchip Technology.

Datasheets


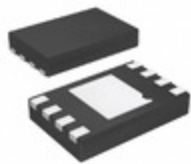













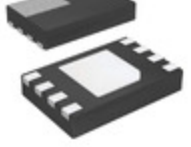


Cylindrical Battery Holders.pdf

PCN Packaging

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

Customers Also Interested in

Recommended Products

					
AT24C02C-PUM Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8DIP	AT24C02C-MAHM-E Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8UDFN	AT24C02C-SSHM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	AT24C02C Atmel (Microchip Technology)	AT24C02BY6-YH-T Atmel IC EEPROM 2KBIT I2C 8MINI MAP	AT24C02BN-SU27 Atmel (Microchip Technology)
					
AT24C02BN-SU Atmel (Microchip Technology)	AT24C02BY1-10YU-1.8 Atmel (Microchip Technology)	AT24C02BY6-10YH-1.8 Atmel (Microchip Technology)	AT24C02BN-TU Atmel (Microchip Technology)	AT24C02BN-SH-H Atmel (Microchip Technology)	AT24C02BN-SU-1.8 ATMEGL
					
AT24C02BN-SU-T Atmel (Microchip Technology)	AT24C02BN-SU18 Atmel (Microchip Technology)	AT24C02C-SSHM-B Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	AT24C02C-MAHM-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8UDFN	AT24C02BN-SH-T Microchip Technology IC EEPROM 2KBIT I2C 1MHZ 8SOIC	AT24C02C-MAHM-T Atmel IC EEPROM 2KBIT I2C 1MHZ 8UDFN

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.

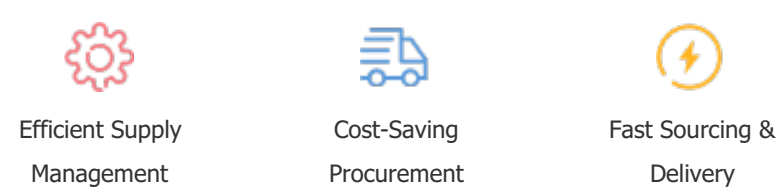
Contact us if you have any questions.

Payment Support

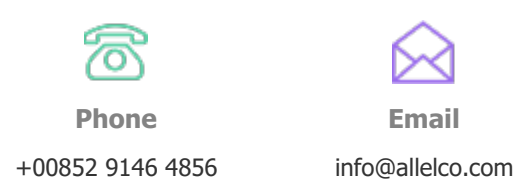
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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