



Image may be representation.
See specifications for product details.



AT28C010-12TU

Manufacturer Part Number	AT28C010-12TU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT28C010-12TU
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 1MBIT PARALLEL 32TSOP
Package	32-TFSOP (0.724', 18.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT28C010-12TU - Microchip Technology. New Original in Stock. Download Linear Technology AT28C010-12TU datasheet/specifications on AllelcoElec.com. Request a quote for AT28C010-12TU, please send us email: info@allelco.com

Specifications

AT28C010-12TU Tech Specifications
AT28C010-12TU - 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	10ms	Memory Type	Non-Volatile
Voltage - Supply	4.5V ~ 5.5V	Memory Size	1Mbit
Technology	EEPROM	Memory Organization	128K x 8
Supplier Device Package	32-TSOP	Memory Interface	Parallel
Series	-	Memory Format	EEPROM
Package / Case	32-TFSOP (0.724', 18.40mm Width)	Base Product Number	AT28C010
Package	Tray	Access Time	120 ns
Operating Temperature	-40°C ~ 85°C (TC)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT28C010-12TU

Product Attribute				
Part Number	AT28C010-12TU	AT28C010-12FM/883	AT28C010-12PI	AT28C010-12UM/883
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Memory Interface	Parallel	Parallel	Parallel	Parallel
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Memory Organization	128K x 8	128K x 8	128K x 8	128K x 8
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Supplier Device Package	32-TSOP	32-FlatPack, Ceramic Bottom-Brazed	32-PDIP	30-CPGA (16.51x13.97)
Access Time	120 ns	120 ns	120 ns	120 ns
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TC)	-55°C ~ 125°C (TC)	-40°C ~ 85°C (TC)	-55°C ~ 125°C (TC)
Package / Case	32-TFSOP (0.724', 18.40mm Width)	32-CFlatPack	32-DIP (0.600', 15.24mm)	30-BCPGA
Base Product Number	AT28C010	AT28C010	AT28C010	AT28C010
Package	Tray	Tube	Tube	Box
Memory Size	1Mbit	1Mbit	1Mbit	1Mbit
Write Cycle Time - Word, Page	10ms	10ms	10ms	10ms

AT28C010-12TU Datasheet PDF

Download AT28C010-12TU pdf datasheets and Microchip Technology documentation for AT28C010-12TU - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

PCN Design/Specification

[Marking Chgs 11/Jul/2017.pdf](#)







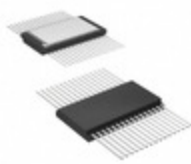

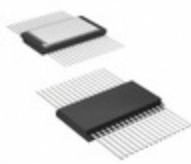









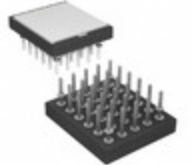

















[AT28C010 23/Mar/2020.pdf](#)

HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
					
AT28C010-12EM/883C Atmel (Microchip Technology)	AT28C010-12UM Atmel (Microchip Technology)	AT28C010-12FM/883 Microchip Technology IC EEPROM 1MBIT PAR 32FLATPACK	AT28C010-12PI Microchip Technology IC EEPROM 1MBIT PARALLEL 32DIP	AT28C010-12EM Atmel (Microchip Technology)	AT28C010-15BI Atmel (Microchip Technology)
					
					
AT28C010-15BM/883 Atmel (Microchip Technology)	AT28C010-12UM/883 Microchip Technology IC EEPROM 1MBIT PARALLEL 30CPGA	AT28C010-15DC Atmel (Microchip Technology)	AT28C010-15JC Microchip Technology IC EEPROM 1MBIT PARALLEL 32PLCC	AT28C010-12DM/883 Microchip Technology IC EEPROM 1MBIT PARALLEL 32CDIP	AT28C010-12TI Microchip Technology IC EEPROM 1MBIT PARALLEL 32TSOP
					
					
AT28C010-12JC Microchip Technology IC EEPROM 1MBIT PARALLEL 32PLCC	AT28C010-12EM/883 Microchip Technology IC EEPROM 1MBIT PARALLEL 32LCC	AT28C010-15DM/883 Microchip Technology IC EEPROM 1MBIT PARALLEL 32CDIP	AT28C010-12JU Microchip Technology IC EEPROM 1MBIT PARALLEL 32PLCC	AT28C010-12JI Microchip Technology IC EEPROM 1MBIT PARALLEL 32PLCC	AT28C010-12IU 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

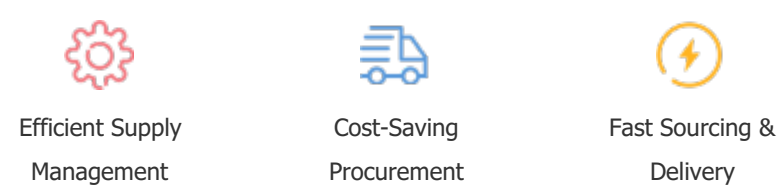
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

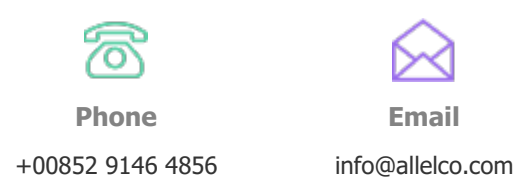
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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