



Image may be representation.  
See specifications for product details.



## AT24C1024W-10SU-2.7

Manufacturer Part Number	<b>AT24C1024W-10SU-2.7</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24C1024W-10SU-2.7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC EEPROM 1MBIT I2C 1MHZ 8SOIC
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AT24C1024W-10SU-2.7 - Microchip Technology. New Original in Stock. Download Linear Technology AT24C1024W-10SU-2.7 datasheet/specifications on AllelcoElec.com. Request a quote for AT24C1024W-10SU-2.7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24C1024W-10SU-2.7 Tech Specifications  
AT24C1024W-10SU-2.7 - 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	2.7V ~ 5.5V	Memory Size	1Mbit
Technology	EEPROM	Memory Organization	128K x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.209", 5.30mm Width)	Clock Frequency	1 MHz
Package	Tube	Base Product Number	AT24C1024
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 AT24C1024W-10SU-2.7

Product Attribute				
Part Number	AT24C1024W-10SU-2.7	AT24C1024BY7-YH25-T	AT24C1024BW-SH25-B	AT24C128-10TU-2.7
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Clock Frequency	1 MHz	1 MHz	1 MHz	1 MHz
Series	-	-	-	-
Memory Organization	128K x 8	128K x 8	128K x 8	16K x 8
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Write Cycle Time - Word, Page	10ms	5ms	5ms	10ms
Package	Tube	Tape & Reel (TR)	Tube	Tube
Memory Size	1Mbit	1Mbit	1Mbit	128Kbit
Access Time	550 ns	550 ns	550 ns	550 ns
Base Product Number	AT24C1024	AT24C1024	AT24C1024	AT24C128
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-UDFN Exposed Pad	8-SOIC (0.209", 5.30mm Width)	8-TSSOP (0.173", 4.40mm Width)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Voltage - Supply	2.7V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.7V ~ 5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-UDFN (6x4.9)	8-SOIC	8-TSSOP
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

### AT24C1024W-10SU-2.7 Datasheet PDF

Download AT24C1024W-10SU-2.7 pdf datasheets and Microchip Technology documentation for AT24C1024W-10SU-2.7 - Microchip Technology.

#### Datasheets

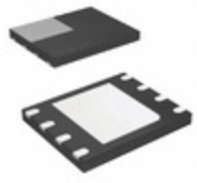






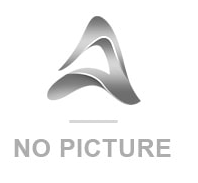










[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products

					
<b>AT24C1024BY7-YH25-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8UDFN	<b>AT24C1024BW-SH25-B</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24C128-10TU-2.7</b> Microchip Technology IC EEPROM 128KBIT I2C 8TSSOP	<b>AT24C128-10PU-2.7</b> Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8DIP	<b>AT24C128-10TU-1.8</b> Microchip Technology IC EEPROM 128KBIT I2C 8TSSOP	<b>AT24C1024CZ-10CI-2.7</b> Atmel (Microchip Technology)
					
<b>AT24C128-10TI-1.8</b> Microchip Technology IC EEPROM 128KBIT I2C 8TSSOP	<b>AT24C128</b> XINBOLE	<b>AT24C1024C1CI27</b> AT	<b>AT24C1024W-10SI-2.7</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24C1024C1-10CI-2.7</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8LAP	<b>AT24C1024BW-SH-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC
					
<b>AT24C128-10PI-2.7</b> Microchip Technology IC EEPROM 128KBIT I2C 1MHZ 8DIP	<b>AT24C11-10PU-1.8</b> Microchip Technology IC EEPROM 1KBIT I2C 1MHZ 8DIP	<b>AT24C11N-10SU-2.7</b> Microchip Technology IC EEPROM 1KBIT I2C 1MHZ 8SOIC	<b>AT24C1024W-10SU</b> Atmel (Microchip Technology)	<b>AT24C1024BW-SH25-T</b> Microchip Technology IC EEPROM 1MBIT I2C 1MHZ 8SOIC	<b>AT24C1024BW-SH25</b> 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.

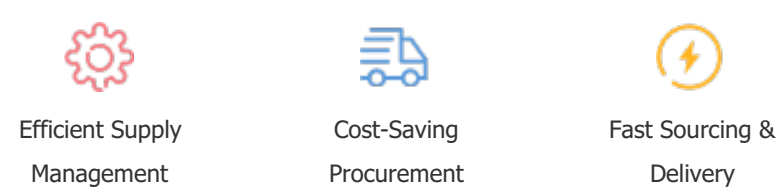
Contact us if you have any questions.

## Payment Support

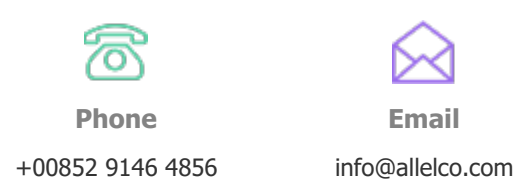
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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## Certifications & Memberships



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