

Image may be representation.  
See specifications for product details.



## AT24RF08CN-10SC

Manufacturer Part Number	<b>AT24RF08CN-10SC</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT24RF08CN-10SC
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 8KBIT I2C 100KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AT24RF08C.pdf</b>

**Get a Quote**

AT24RF08CN-10SC - Microchip Technology.New Original in Stock. Download Linear Technology AT24RF08CN-10SC datasheet/specifications on AllelcoElec.com.  
Request a quote for AT24RF08CN-10SC, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT24RF08CN-10SC Tech Specifications  
AT24RF08CN-10SC - 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	2.4V ~ 5.5V	Memory Size	8Kbit
Technology	EEPROM	Memory Organization	1K x 8
Supplier Device Package	8-SOIC	Memory Interface	I <sup>2</sup> C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	100 kHz
Package	Tube	Base Product Number	AT24RF08
Operating Temperature	-40°C ~ 85°C (TJ)	Access Time	450 ns

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT24RF08CN-10SC

Product Attribute				
Part Number	AT24RF08CN-10SC	AT24MAC402-SSHM-T	AT25010A-10PU-2.7	AT24MAC602-XHM-T
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	SPI	I <sup>2</sup> C
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-TSSOP (0.173", 4.40mm Width)
Voltage - Supply	2.4V ~ 5.5V	1.7V ~ 5.5V	2.7V ~ 5.5V	1.7V ~ 5.5V
Write Cycle Time - Word, Page	10ms	5ms	5ms	5ms
Series	-	-	-	-
Clock Frequency	100 kHz	1 MHz	20 MHz	1 MHz
Supplier Device Package	8-SOIC	8-SOIC	8-PDIP	8-TSSOP
Operating Temperature	-40°C ~ 85°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Access Time	450 ns	550 ns	-	550 ns
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Base Product Number	AT24RF08	AT24MAC402	AT25010	AT24MAC602
Memory Size	8Kbit	2Kbit	1Kbit	2Kbit
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Package	Tube	Bulk	Tube	Tape & Reel (TR)
Memory Organization	1K x 8	256 x 8	128 x 8	256 x 8
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount

### AT24RF08CN-10SC Datasheet PDF

Download AT24RF08CN-10SC pdf datasheets and Microchip Technology documentation for AT24RF08CN-10SC - Microchip Technology.

#### Datasheets

AT24RF08C.pdf

#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products



**AT24MAC402-SSHM-T**  
Atmel  
IC EEPROM 2KBIT I2C 1MHZ 8SOIC



**AT25010A-10PU-2.7**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8DIP



**AT24MAC602-XHM-T**  
Microchip Technology  
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP



**AT25010AN-10SI-2.7**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8SOIC



**AT24RF08BT**  
Atmel (Microchip Technology)



**AT25010AN-10SU-2.7**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8SOIC



**AT24MAC402-SSHM-T**  
Microchip Technology  
IC EEPROM 2KBIT I2C 1MHZ 8SOIC



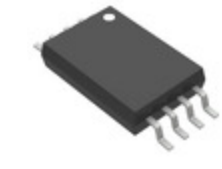
**AT25010A-10TU-1.8**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8TSSOP



**AT24MAC402-XHM-T**  
Microchip Technology  
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP



**AT24RF08CN**  
Atmel (Microchip Technology)



**AT24MAC602-XHM-T**  
Atmel  
IC EEPROM 2KBIT I2C 1MHZ 8TSSOP



**AT25007-2-7AC1400**  
Atmel (Microchip Technology)



**AT24RF08BN**  
Atmel (Microchip Technology)



**AT24MAC402-STUM-T**  
Microchip Technology  
IC EEPROM 2KBIT I2C 1MHZ SOT23-5



**AT25006-0T3T**  
Atmel (Microchip Technology)



**AT24MAC602-STUM-T**  
Microchip Technology  
IC EEPROM 2KBIT I2C 1MHZ SOT23-5



**AT25010A-10TU-2.7**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8TSSOP



**AT25010AN-10SU-1.8**  
Microchip Technology  
IC EEPROM 1KBIT SPI 20MHZ 8SOIC

## 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

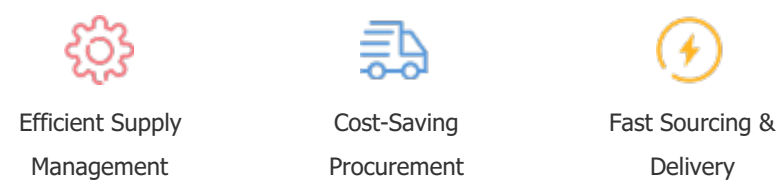
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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



View More