

Image may be representation.
See specifications for product details.



24AA65T/SM

Manufacturer Part Number	24AA65T/SM
Manufacturer	Microchip Technology
Allelco Part Number	32D-24AA65T/SM
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 64KBIT I2C 8SOIJ
Package	8-SOIC (0.209", 5.30mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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24AA65T/SM - Microchip Technology. New Original in Stock. Download Linear Technology 24AA65T/SM datasheet/specifications on AllelcoElec.com. Request a quote for 24AA65T/SM, please send us email: info@allelco.com

Specifications

24AA65T/SM Tech Specifications
24AA65T/SM - 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 ~ 6V	Memory Size	64Kbit
Technology	EEPROM	Memory Organization	8K x 8
Supplier Device Package	8-SOIJ	Memory Interface	I ² C
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.209", 5.30mm Width)	Clock Frequency	400 kHz
Package	Tape & Reel (TR)	Base Product Number	24AA65
Operating Temperature	0°C ~ 70°C (TA)	Access Time	900 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 24AA65T/SM

Product Attribute				
Part Number	24AA65T/SM	24AA65/SM	24AA64T-I/ST	24AA64-I/P
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	900 ns	900 ns	900 ns	900 ns
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Supplier Device Package	8-SOIJ	8-SOIJ	8-TSSOP	8-PDIP
Memory Interface	I ² C	I ² C	I ² C	I ² C
Memory Organization	8K x 8	8K x 8	8K x 8	8K x 8
Package / Case	8-SOIC (0.209", 5.30mm Width)	8-SOIC (0.209", 5.30mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-DIP (0.300", 7.62mm)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Base Product Number	24AA65	24AA65	24AA64	24AA64
Voltage - Supply	1.8V ~ 6V	1.8V ~ 6V	1.7V ~ 5.5V	1.7V ~ 5.5V
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Size	64Kbit	64Kbit	64Kbit	64Kbit
Series	-	-	-	-
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

24AA65T/SM Datasheet PDF

Download 24AA65T/SM pdf datasheets and Microchip Technology documentation for 24AA65T/SM - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)




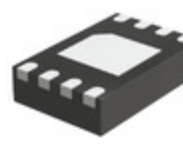








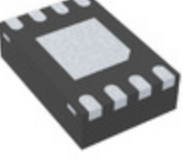





[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

					
24AA65/SM Microchip Technology IC EEPROM 64KBIT I2C 8SOIJ	24AA64T-I/ST Microchip Technology IC EEPROM 64KBIT I2C 8TSSOP	24AA64-I/P Microchip Technology IC EEPROM 64KBIT I2C 400KHZ 8DIP	24AA64T-I/MNY Microchip Technology IC EEPROM 64KBIT I2C 8TDFN	24AA64-I/SM Microchip Technology IC EEPROM 64KBIT I2C 8SOIJ	24AA64FT-I/SN Microchip Technology IC EEPROM 64KBIT I2C 8SOIC
					
24AA64T/SN Microchip Technology IC EEPROM 64KBIT I2C 8SOIC	24AA64T-I/SN Microchip Technology IC EEPROM 64KBIT I2C 8SOIC	24AA64-I/ST Microchip Technology IC EEPROM 64KBIT I2C 8TSSOP	24AA64T-I/MS Microchip Technology IC EEPROM 64KBIT I2C 8MSOP	24AA65-SM Micrel / Microchip Technology	24AA64T-E/OT Microchip Technology IC EEPROM 64KBIT I2C SOT23-5
					
24AA64T-I/MC Microchip Technology IC EEPROM 64KBIT I2C 400KHZ 8DFN	24AA64F-I/ST Microchip Technology IC EEPROM 64KBIT I2C 8TSSOP	24AA64-I/SN Microchip Technology IC EEPROM 64KBIT I2C 8SOIC	24AA64I/P Micrel / Microchip Technology	24AA65T Micrel / Microchip Technology	24AA64T-I/OT Microchip Technology IC EEPROM 64KBIT I2C SOT23-5

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 -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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