



Image may be representation.  
See specifications for product details.



## CAT24C16WI-G

Manufacturer Part Number	<b>CAT24C16WI-G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-CAT24C16WI-G
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 16KBIT I2C 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

CAT24C16WI-G - onsemi.New Original in Stock. Download Linear Technology CAT24C16WI-G datasheet/specifications on AllelcoElec.com.  
Request a quote for CAT24C16WI-G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

CAT24C16WI-G Tech Specifications

CAT24C16WI-G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	5ms	Memory Type	Non-Volatile
Voltage - Supply	1.7V ~ 5.5V	Memory Size	16Kbit
Technology	EEPROM	Memory Organization	2K 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	400 kHz
Package	Tube	Base Product Number	CAT24C16
Operating Temperature	-40°C ~ 85°C (TA)	Access Time	900 ns

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CAT24C16WI-G

Product Attribute				
Part Number	CAT24C16WI-G	CAT24C208WI-GT3	CAT24C16WI-GT3JN	CAT24C16LI-G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	1.7V ~ 5.5V	2.5V ~ 5.5V	1.7V ~ 5.5V	1.7V ~ 5.5V
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Memory Size	16Kbit	8Kbit	16Kbit	16Kbit
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300", 7.62mm)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Access Time	900 ns	900 ns	900 ns	900 ns
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Memory Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Base Product Number	CAT24C16	CAT24C208	CAT24C16	CAT24C16
Clock Frequency	400 kHz	400 kHz	400 kHz	400 kHz
Memory Organization	2K x 8	256 x 8 x 4	2K x 8	2K x 8
Technology	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)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-PDIP

## CAT24C16WI-G Datasheet PDF

Download CAT24C16WI-G pdf datasheets and onsemi documentation for CAT24C16WI-G - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration CAT24C16WI-G.pdf](#)

### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

### PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

## PCN Design/Specification













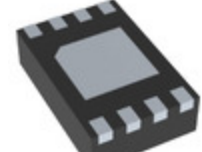



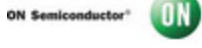

 Cylindrical Battery Holders.pdf

## PCN Assembly/Origin

 SOIC8 28-Feb-2022.pdf

## Customers Also Interested in

### Recommended Products

 <b>CAT24C16TDI-GT3</b> AMI Semiconductor/onsemi	 <b>CAT24C208WI</b> AMI Semiconductor/onsemi	 <b>CAT24C16LIG</b> AT	 <b>CAT24C21J</b> AMI Semiconductor/onsemi	 <b>CAT24C21JI-TE13</b> AMI Semiconductor/onsemi	 <b>CAT24C16VP2I-GT3 VP2E</b> AMI Semiconductor/onsemi
 <b>CAT24C16JI</b> AMI Semiconductor/onsemi	 <b>CAT24C208WI-GT3</b> onsemi IC EEPROM 8KBIT I2C 400KHZ 8SOIC	 <b>CAT24C21JI</b> CAT	 <b>CAT24C16WI-GT3JN</b> onsemi IC EEPROM 16KBIT I2C 8SOIC	 <b>CAT24C16YE-GT3</b> AMI Semiconductor/onsemi	 <b>CAT24C16LI-G</b> onsemi IC EEPROM 16KBIT I2C 400KHZ 8DIP
 <b>CAT24C16VP2I-GT3</b> onsemi IC EEPROM 16KBIT I2C 8TDFN	 <b>CAT24C16WI-GT3</b> onsemi IC EEPROM 16KBIT I2C 8SOIC	 <b>CAT24C16YI-GT3</b> onsemi IC EEPROM 16KBIT I2C 8TSSOP	 <b>CAT24C16WI</b> Catalyst Semiconductor Inc. IC EEPROM 16KBIT I2C 8SOIC	 <b>CAT24C16J</b> AMI Semiconductor/onsemi	 <b>CAT24C16LI</b> Catalyst Semiconductor Inc. IC EEPROM 16KBIT I2C 400KHZ 8DIP

## 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

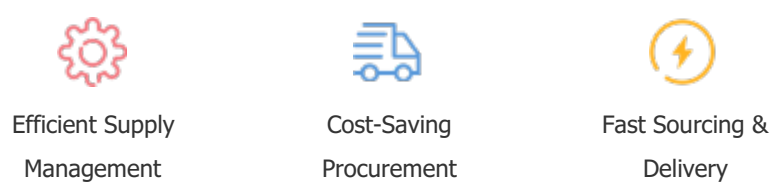
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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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