CAV24C16YE-GT3

Manufacturer Part Number	CAV24C16YE-GT3
Manufacturer	onsemi
Allelco Part Number	32D-CAV24C16YE-GT3
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 16KBIT I2C 8TSSOP
Package	8-TSSOP (0.173", 4.40mm Width)
Data sheet	CAV24C0x,C16.pdf
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

ON Semiconductor®

Get a Quote

CAV24C16YE-GT3 - onsemi.New Original in Stock. Download Linear Technology CAV24C16YE-GT3 datasheet/specifications on AllelcoElec.com.
Request a quote for CAV24C16YE-GT3, please send us email: info@allelco.com

Specifications

CAV24C16YE-GT3 Tech Specifications
CAV24C16YE-GT3 - 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	2.5V ~ 5.5V	Memory Size	16Kbit
Technology	EEPROM	Memory Organization	2K x 8
Supplier Device Package	8-TSSOP	Memory Interface	I²C
Series	Automotive, AEC-Q100	Memory Format	EEPROM
Package / Case	8-TSSOP (0.173", 4.40mm Width)	Clock Frequency	400 kHz
Package	Tape & Reel (TR)	Base Product Number	CAV24C16
Operating Temperature	-40°C ~ 125°C (TA)	Access Time	900 ns

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CAV24C16YE-GT3

Product Attribute				
Part Number	CAV24C16YE-GT3	CAV25080VE-GT3	CAV24C04YE-GT3	CAV24C02YE-GT3
Manufacturer	onsemi	onsemi	onsemi	onsemi
Clock Frequency	400 kHz	20 MHz	400 kHz	400 kHz
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Size	16Kbit	8Kbit	4Kbit	2Kbit
Access Time	900 ns	-	900 ns	900 ns
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Memory Interface	I²C	SPI	I²C	I²C
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	CAV24C16	CAV25080	CAV24C04	CAV24C02
Supplier Device Package	8-TSSOP	8-SOIC	8-TSSOP	8-TSSOP
Memory Organization	2K x 8	1K x 8	512 x 8	256 x 8
Package / Case	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-TSSOP (0.173", 4.40mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100

CAV24C16YE-GT3 Datasheet PDF

Download CAV24C16YE-GT3 pdf datasheets and onsemi documentation for CAV24C16YE-GT3 - onsemi.

Datasheets

📄 CAV24C0x,C16.pdf

Environmental Information

📄 onsemi RoHS.pdf　　　　📄 Material Declaration CAV24C16YE-GT3.pdf

Customers Also Interested in

Recommended Products

CAV25080VE-GT3	CAV24C04YE-GT3	CAV24C02YE-GT3	CAV24C64YE-GT3	CAV25128VE-GT3	CAV24C32WE-GT3
onsemi	onsemi	onsemi	onsemi	onsemi	onsemi
IC EEPROM 8KBIT SPI 20MHZ 8SOIC	IC EEPROM 4KBIT I2C 8TSSOP	IC EEPROM 2KBIT I2C 8TSSOP	IC EEPROM 64KBIT I2C 8TSSOP	IC EEPROM 128KBIT SPI 8SOIC	IC EEPROM 32KBIT I2C 8SOIC

CAV24C16WE-GT3	CAV24C04WE-GT3	CAV24C128WE-GT3	CAV24C512WE-GT3	CAV24C256WE-GT3	CAV25040VE-GT3
onsemi	onsemi	onsemi	onsemi	onsemi	onsemi
IC EEPROM 16KBIT I2C 8SOIC	IC EEPROM 4KBIT I2C 400KHZ 8SOIC	IC EEPROM 128KBIT I2C 1MHZ 8SOIC	IC EEPROM 512KBIT I2C 1MHZ 8SOIC	IC EEPROM 256KBIT I2C 1MHZ 8SOIC	IC EEPROM 4KBIT SPI 10MHZ 8SOIC

CAV24M01WE-GT3	CAV24C08WE-GT3	CAV24C04WE	CAV24C64WE-GT3	CAV24C02WE-GT3	CAV24C512YE-GT3
onsemi	onsemi	AMI Semiconductor/onsemi	onsemi	onsemi	onsemi
IC EEPROM 1MBIT I2C 1MHZ 8SOIC	IC EEPROM 8KBIT I2C 400KHZ 8SOIC		IC EEPROM 64KBIT I2C 8SOIC	IC EEPROM 2KBIT I2C 400KHZ 8SOIC	IC EEPROM 512KBIT I2C 8TSSOP

▌ 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

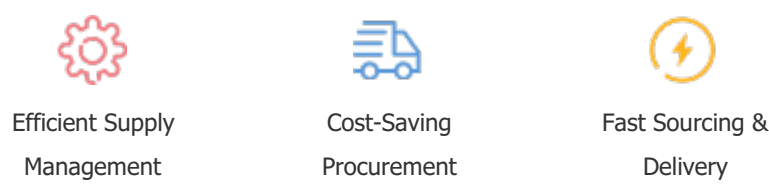| DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	**Reference DHL(USD$)**
0.00kg-1.00kg	USD$60.00
1.00kg-2.00kg	USD$70.00
2.00kg-3.00kg	USD$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

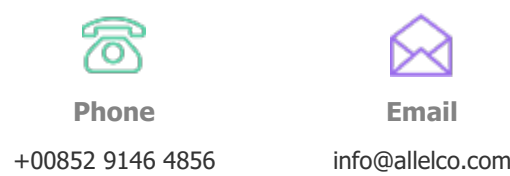Contact us if you have any questions.

Payment Support

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

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · 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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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016 QUALITY MANAGEMENT · ISO 9001:2015 CERTIFIED COMPANY · ISO 14001:2015 CERTIFIED COMPANY

ISO 28000:2007 · IPC Member · SMTA Surface Mount Technology Association

View More

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