



Image may be representation.
See specifications for product details.



CAT25512VI-GT3

Manufacturer Part Number	CAT25512VI-GT3
Manufacturer	onsemi
Allelco Part Number	32D-CAT25512VI-GT3
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 512KBIT SPI 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	CAT25512.pdf
	CAT25512.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

CAT25512VI-GT3 - onsemi.New Original in Stock. Download Linear Technology CAT25512VI-GT3 datasheet/specifications on AllelcoElec.com.
Request a quote for CAT25512VI-GT3, please send us email: info@allelco.com

Specifications

CAT25512VI-GT3 Tech Specifications

CAT25512VI-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	1.8V ~ 5.5V	Memory Size	512Kbit
Technology	EEPROM	Memory Organization	64K x 8
Supplier Device Package	8-SOIC	Memory Interface	SPI
Series	-	Memory Format	EEPROM
Package / Case	8-SOIC (0.154", 3.90mm Width)	Clock Frequency	20 MHz
Package	Tape & Reel (TR)	Base Product Number	CAT25512
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CAT25512VI-GT3

Product Attribute				
Part Number	CAT25512VI-GT3	CAT25512HU51-GT3	CAT25640VI-GT3	CAT25640VP21-GT3
Manufacturer	onsemi	onsemi	onsemi	onsemi
Write Cycle Time - Word, Page	5ms	5ms	5ms	5ms
Clock Frequency	20 MHz	20 MHz	20 MHz	10 MHz
Memory Organization	64K x 8	64K x 8	8K x 8	8K x 8
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Memory Size	512Kbit	512Kbit	64Kbit	64Kbit
Supplier Device Package	8-SOIC	8-UDFN (3x2)	8-SOIC	8-TDFN (2x3)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-UFDN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	CAT25512	CAT25512	CAT25640	CAT25640
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Memory Interface	SPI	SPI	SPI	SPI
Series	-	-	-	-
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Voltage - Supply	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	EEPROM	EEPROM	EEPROM	EEPROM

CAT25512VI-GT3 Datasheet PDF

Download CAT25512VI-GT3 pdf datasheets and onsemi documentation for CAT25512VI-GT3 - onsemi.

Datasheets

[CAT25512.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)


[Material Declaration CAT25512VI-GT3.pdf](#)

PCN Packaging

[Mult MSL1 Pkg Rev 20/Dec/2018.pdf](#)




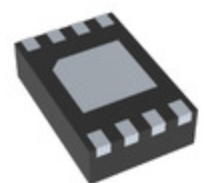











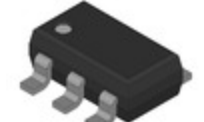


HTML Datasheet

[CAT25512.pdf](#)

 CAT25512 28/Dec/2020.pdf

Customers Also Interested in

Recommended Products

					
CAT25512HU5I-GT3 onsemi IC EEPROM 512KBIT SPI 8UDFN	CAT25512LE-G AMI Semiconductor/onsemi	CAT25640VI-GT3 onsemi IC EEPROM 64KBIT SPI 20MHZ 8SOIC	CAT25640VP2I-GT3 onsemi IC EEPROM 64KBIT SPI 10MHZ 8TDFN	CAT25512LI-G AMI Semiconductor/onsemi	CAT25640HU3I-GT3 onsemi IC EEPROM 64KBIT SPI 10MHZ 8UDFN
					
CAT25320YI CAT	CAT25640F AMI Semiconductor/onsemi	CAT25320YI-26711GT3 AMI Semiconductor/onsemi	CAT25640LI-G onsemi IC EEPROM 64KBIT SPI 20MHZ 8DIP	CAT25640VI CSI	CAT25320YIGT-KK onsemi IC EEPROM 32KBIT SPI 8TSSOP
					
CAT25320YE-GT3 onsemi IC EEPROM 32KBIT SPI 5MHZ 8TSSOP	CAT25512YI-GT3 onsemi IC EEPROM 512KBIT SPI 8TSSOP	CAT25320YI-GT3 onsemi IC EEPROM 32KBIT SPI 8TSSOP	CAT25512HU5E-GT3 onsemi EEPROM, 64KX8, SERIAL, CMOS, PDS	CAT25512VE-GT3 onsemi EEPROM, 64KX8, SERIAL, CMOS, PDS	CAT25640HU4I-GT3 onsemi IC EEPROM 64KBIT SPI 10MHZ 8UDFN

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

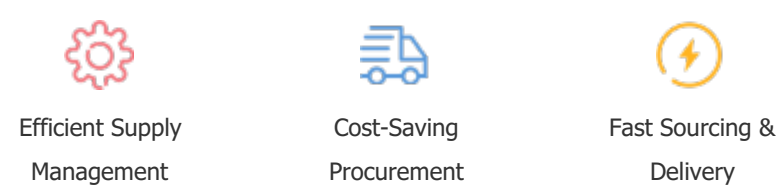
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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