

Image may be representation.  
See specifications for product details.



## SI1032X-T1-GE3

Manufacturer Part Number	<b>SI1032X-T1-GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SI1032X-T1-GE3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>MOSFET N-CH 20V 200MA SC89-3</b>
Package	<b>SC-89, SOT-490</b>
Data sheet	SI1032X-T1-GE3.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SI1032X-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI1032X-T1-GE3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SI1032X-T1-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SI1032X-T1-GE3 Tech Specifications  
SI1032X-T1-GE3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1.2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±6V	Gate Charge (Qg) (Max) @ Vgs	0.75 nC @ 4.5 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	SC-89-3	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Rds On (Max) @ Id, Vgs	50hm @ 200mA, 4.5V	Drain to Source Voltage (Vdss)	20 V
Power Dissipation (Max)	300mW (Ta)	Current - Continuous Drain (Id) @ 25°C	200mA (Ta)
Package / Case	SC-89, SOT-490	Base Product Number	SI1032
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

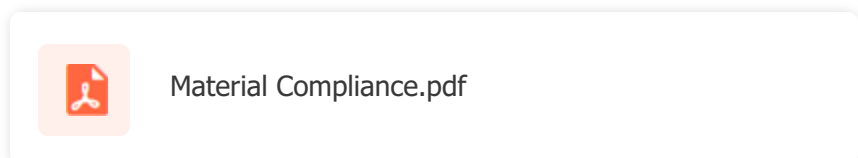
The three parts on the right have similar specifications to Vishay Siliconix SI1032X-T1-GE3

Product Attribute				
Part Number	SI1032X-T1-GE3	SI1032R-T1-GE3	SI1032R-T1-E3	SI1037X-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
FET Type	N-Channel	N-Channel	N-Channel	P-Channel
Power Dissipation (Max)	300mW (Ta)	250mW (Ta)	250mW (Ta)	170mW (Ta)
Rds On (Max) @ Id, Vgs	50hm @ 200mA, 4.5V	50hm @ 200mA, 4.5V	50hm @ 200mA, 4.5V	195mOhm @ 770mA, 4.5V
FET Feature	-	-	-	-
Vgs (Max)	±6V	±6V	±6V	±8V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	20 V	20 V	20 V	20 V
Supplier Device Package	SC-89-3	SC-75A	SC-75A	SC-89 (SOT-563F)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	200mA (Ta)	140mA (Ta)	140mA (Ta)	770mA (Ta)
Package / Case	SC-89, SOT-490	SC-75, SOT-416	SC-75, SOT-416	SOT-563, SOT-666
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V	1.5V, 4.5V	1.5V, 4.5V	1.8V, 4.5V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	1.2V @ 250µA	1.2V @ 250µA	1.2V @ 250µA	450mV @ 250µA (Min)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SI1032	SI1032	SI1032	SI1037
Gate Charge (Qg) (Max) @ Vgs	0.75 nC @ 4.5 V	0.75 nC @ 4.5 V	0.75 nC @ 4.5 V	5.5 nC @ 4.5 V

### SI1032X-T1-GE3 Datasheet PDF



















Download SI1032X-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI1032X-T1-GE3 - Vishay Siliconix.

#### Environmental Information



### Customers Also Interested in

#### Recommended Products

 <b>SI1032R-T1-GE3</b> Vishay Siliconix MOSFET N-CH 20V 140MA SC75A	 <b>SI1034X-T1-E3</b> Vishay Siliconix MOSFET 2N-CH 20V 0.18A SOT563F	 <b>SI1032R-T1-E3</b> Vishay Siliconix MOSFET N-CH 20V 140MA SC75A	 <b>SI1032R-T1</b> VSHAY	 <b>SI1032X-T1</b> Electro-Films (EFI) / Vishay	 <b>SI1035X-T1-E3</b> Vishay Siliconix MOSFET N/P-CH 20V SOT563F
 <b>SI1037X-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 770MA SC89	 <b>SI1039X-T1-E3</b> Vishay Siliconix MOSFET P-CH 12V 870MA SC89-6	 <b>SI1033X-T1</b> SILICONIX	 <b>SI1034X-T1-GE3</b> Vishay Siliconix MOSFET 2N-CH 20V 0.18A SC89-6	 <b>SI1031R-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 140MA SC75A	 <b>SI1031X-T1</b> Electro-Films (EFI) / Vishay
 <b>SI1034CX-T1-GE3</b> Vishay Siliconix MOSFET 2N-CH 20V SC89-6	 <b>SI1035X-T1-GE3</b> Vishay Siliconix MOSFET N/P-CH 20V SC-89	 <b>SI1031R-T1</b> Electro-Films (EFI) / Vishay	 <b>SI1032X-T1-E3</b> Vishay Siliconix MOSFET N-CH 20V 200MA SC89-3	 <b>SI1031X</b> Electro-Films (EFI) / Vishay	 <b>SI1031R-T1-E3</b> Vishay Siliconix MOSFET P-CH 20V 140MA SC75A

## 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.

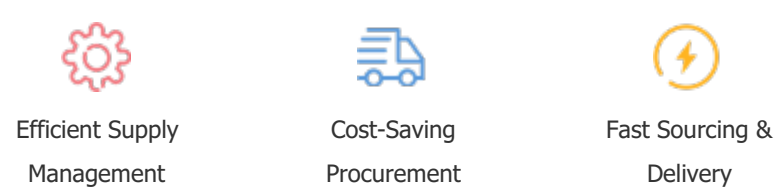
Contact us if you have any questions.

## Payment Support

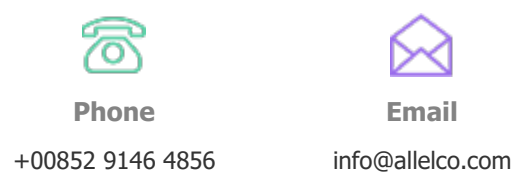
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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