

Image may be representation.
See specifications for product details.



SI1029X-T1-GE3

Manufacturer Part Number	SI1029X-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI1029X-T1-GE3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N/P-CH 60V SC89-6
Package	SOT-563, SOT-666
Data sheet	Si1029X.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI1029X-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI1029X-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI1029X-T1-GE3, please send us email: info@allelco.com

Specifications

SI1029X-T1-GE3 Tech Specifications

SI1029X-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	2.5V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	30pF @ 25V
Supplier Device Package	SC-89 (SOT-563F)	Gate Charge (Qg) (Max) @ Vgs	0.75nC @ 4.5V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	1.40hm @ 500mA, 10V	Drain to Source Voltage (Vdss)	60V
Power - Max	250mW	Current - Continuous Drain (Id) @ 25°C	305mA, 190mA
Package / Case	SOT-563, SOT-666	Configuration	N and P-Channel
Package	Tape & Reel (TR)	Base Product Number	SI1029

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI1029X-T1-GE3

Product Attribute				
Part Number	SI1029X-T1-GE3	SI1025X-T1-GE3	SI1025X-T1-E3	SI1028X-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Supplier Device Package	SC-89 (SOT-563F)	SC-89 (SOT-563F)	SC-89 (SOT-563F)	SC-89 (SOT-563F)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOT-563, SOT-666	SOT-563, SOT-666	SOT-563, SOT-666	SOT-563, SOT-666
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	305mA, 190mA	190mA	190mA	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Gate Charge (Qg) (Max) @ Vgs	0.75nC @ 4.5V	1.7nC @ 15V	1.7nC @ 15V	2nC @ 10V
Power - Max	250mW	250mW	250mW	220mW
Rds On (Max) @ Id, Vgs	1.40hm @ 500mA, 10V	40hm @ 500mA, 10V	40hm @ 500mA, 10V	650mOhm @ 500mA, 10V
Drain to Source Voltage (Vdss)	60V	60V	60V	30V
Vgs(th) (Max) @ Id	2.5V @ 250µA	3V @ 250µA	3V @ 250µA	2.5V @ 250µA
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate
Input Capacitance (Ciss) (Max) @ Vds	30pF @ 25V	23pF @ 25V	23pF @ 25V	16pF @ 15V
Base Product Number	SI1029	SI1025	SI1025	SI1028
Configuration	N and P-Channel	2 P-Channel (Dual)	2 P-Channel (Dual)	2 N-Channel (Dual)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)

SI1029X-T1-GE3 Datasheet PDF

Download SI1029X-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI1029X-T1-GE3 - Vishay Siliconix.

Datasheets

[Si1029X.pdf](#)

Environmental Information

[Material Compliance.pdf](#)

PCN Design/Specification

[Mult Dev Material Chgs 1/Jul/2021.pdf](#)

Customers Also Interested in

Recommended Products

 SI1032R-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 140MA SC75A	 SI1031R-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 140MA SC75A	 SI1032X-T1-E3 Vishay Siliconix MOSFET N-CH 20V 200MA SC89-3	 SI1024X-TI-GE3 Electro-Films (EFI) / Vishay	 SI1032R-T1-E3 Vishay Siliconix MOSFET N-CH 20V 140MA SC75A	 SI1025X-T1-GE3 Vishay Siliconix MOSFET 2P-CH 60V 0.19A SC-89
 SI1025X-T1-E3 Vishay Siliconix MOSFET 2P-CH 60V 0.19A SOT563F	 SI1025X-T1 Electro-Films (EFI) / Vishay	 SI1031X Electro-Films (EFI) / Vishay	 SI1028X-TI-GE3 Vishay Siliconix MOSFET 2N-CH 30V SC89-6	 SI1031R-T1 Electro-Films (EFI) / Vishay	 SI1024X-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 0.485A SC89-6
 SI1026X-T1-E3 Vishay Siliconix MOSFET 2N-CH 60V 0.305A SOT563F	 SI1026X-T1-GE3 Vishay Siliconix MOSFET 2N-CH 60V 0.305A SC89-6	 SI1031R-T1-E3 Vishay Siliconix MOSFET P-CH 20V 140MA SC75A	 SI1026X-T1 Electro-Films (EFI) / Vishay	 SI1031X-T1 Electro-Films (EFI) / Vishay	 SI1025X Electro-Films (EFI) / Vishay

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

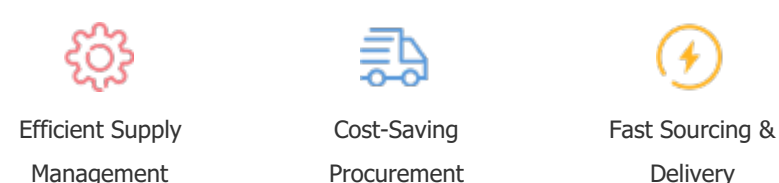
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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