



SI1032R-T1-GE3

Manufacturer Part Number	SI1032R-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI1032R-T1-GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 20V 140MA SC75A
Package	SC-75, SOT-416
Data sheet	SI1032R-T1-GE3.pdf
RoHs Status	 ROHS3 Compliant


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SI1032R-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI1032R-T1-GE3 datasheet/specifications on AllelcoElec.com.

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Specifications





SI1032R-T1-GE3 Tech Specifications

SI1032R-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-75A	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)	250mW (Ta)	Current - Continuous Drain (Id) @ 25°C	140mA (Ta)
Package / Case	SC-75, SOT-416	Base Product Number	SI1032
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI1032R-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI1032R-T1-GE3	SI1032X-T1-E3	SI1032R-T1-E3	SI1031R-T1-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Vgs(th) (Max) @ Id	1.2V @ 250µA	1.2V @ 250µA	1.2V @ 250µA	1.2V @ 250µA
Drain to Source Voltage (Vdss)	20 V	20 V	20 V	20 V
FET Type	N-Channel	N-Channel	N-Channel	P-Channel
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Supplier Device Package	SC-75A	SC-89-3	SC-75A	SC-75A
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V	1.5V, 4.5V	1.5V, 4.5V	1.5V, 4.5V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Current - Continuous Drain (Id) @ 25°C	140mA (Ta)	200mA (Ta)	140mA (Ta)	140mA (Ta)
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	0.75 nC @ 4.5 V	0.75 nC @ 4.5 V	0.75 nC @ 4.5 V	1.5 nC @ 4.5 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs (Max)	±6V	±6V	±6V	±6V
Power Dissipation (Max)	250mW (Ta)	300mW (Ta)	250mW (Ta)	250mW (Ta)
Package / Case	SC-75, SOT-416	SC-89, SOT-490	SC-75, SOT-416	SC-75, SOT-416
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Rds On (Max) @ Id, Vgs	50hm @ 200mA, 4.5V	50hm @ 200mA, 4.5V	50hm @ 200mA, 4.5V	80hm @ 150mA, 4.5V
Base Product Number	SI1032	SI1032	SI1032	SI1031

SI1032R-T1-GE3 Datasheet PDF

Download SI1032R-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI1032R-T1-GE3 - Vishay Siliconix.

Environmental Information



















 Material Compliance.pdf

PCN Design/Specification

 Mult Dev Material Chgs 1/Jul/2021.pdf

Customers Also Interested in

Recommended Products

					
SI1032X-T1-E3 Vishay Siliconix MOSFET N-CH 20V 200MA SC89-3	SI1034X-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 0.18A SC89-6	SI1032R-T1-E3 Vishay Siliconix MOSFET N-CH 20V 140MA SC75A	SI1031X-T1 Electro-Films (EFI) / Vishay	SI1031R-T1-E3 Vishay Siliconix MOSFET P-CH 20V 140MA SC75A	SI1026X-T1-GE3 Vishay Siliconix MOSFET 2N-CH 60V 0.305A SC89-6
					
SI1031X Electro-Films (EFI) / Vishay	SI1032X-T1 Electro-Films (EFI) / Vishay	SI1031R-T1 Electro-Films (EFI) / Vishay	SI1032X-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 200MA SC89-3	SI1034CX-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V SC89-6	SI1031R-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 140MA SC75A
					
SI1028X-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V SC89-6	SI1029X-T1-GE3 Vishay Siliconix MOSFET N/P-CH 60V SC89-6	SI1035X-T1-GE3 Vishay Siliconix MOSFET N/P-CH 20V SC-89	SI1035X-T1-E3 Vishay Siliconix MOSFET N/P-CH 20V SOT563F	SI1032R-T1 VSHAY	SI1034X-T1-E3 Vishay Siliconix MOSFET 2N-CH 20V 0.18A SOT563F

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.



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