





SIS402DN-T1-GE3

Manufacturer Part Number	SIS402DN-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIS402DN-T1-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 30V 35A PPAK1212-8
Package	PowerPAK® 1212-8
Data sheet	SIS402DN.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SIS402DN-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIS402DN-T1-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SIS402DN-T1-GE3, please send us email: info@allelco.com

Specifications





SIS402DN-T1-GE3 Tech Specifications

SIS402DN-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	2.2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1700 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	42 nC @ 10 V
Supplier Device Package	PowerPAK® 1212-8	FET Type	N-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	6mOhm @ 19A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.8W (Ta), 52W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	PowerPAK® 1212-8	Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SIS402

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIS402DN-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SIS402DN-T1-GE3	SIS407DN-T1-GE3	SIS407ADN-T1-GE3	SIS330DN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Current - Continuous Drain (Id) @ 25°C	35A (Tc)	25A (Tc)	18A (Tc)	35A (Tc)
FET Feature	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	1.8V, 4.5V	1.8V, 4.5V	4.5V, 10V
FET Type	N-Channel	P-Channel	P-Channel	N-Channel
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs (Max)	±20V	±8V	±8V	±20V
Base Product Number	SIS402	SIS407	SIS407	SIS330
Supplier Device Package	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	3.8W (Ta), 52W (Tc)	3.6W (Ta), 33W (Tc)	3.7W (Ta), 39.1W (Tc)	3.7W (Ta), 52W (Tc)
Input Capacitance (Ciss) (Max) @ Vds	1700 pF @ 15 V	2760 pF @ 10 V	5875 pF @ 10 V	1300 pF @ 15 V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Package / Case	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Rds On (Max) @ Id, Vgs	6mOhm @ 19A, 10V	9.5mOhm @ 15.3A, 4.5V	9mOhm @ 15A, 4.5V	5.6mOhm @ 10A, 10V
Gate Charge (Qg) (Max) @ Vgs	42 nC @ 10 V	93.8 nC @ 8 V	168 nC @ 8 V	35 nC @ 10 V
Drain to Source Voltage (Vdss)	30 V	20 V	20 V	30 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs(th) (Max) @ Id	2.2V @ 250µA	1V @ 250µA	1V @ 250µA	2.5V @ 250µA


SIS402DN-T1-GE3 Datasheet PDF

Download SIS402DN-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIS402DN-T1-GE3 - Vishay Siliconix.

Datasheets


[SIS402DN.pdf](#)



















PCN Assembly/Origin


[New Solder Plating Site 18/Apr/2023.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

 SIS407DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 25A PPAK1212-8	 SIS407ADN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 18A PPAK1212-8	 SIS330DN-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 35A PPAK1212-8	 SiS402DN Electro-Films (EFI) / Vishay	 SIS402DN-T1-E3 Electro-Films (EFI) / Vishay	 SIS406DN-T1-E3 Electro-Films (EFI) / Vishay
 SiS330DN Electro-Films (EFI) / Vishay	 SIS402DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	 SIS406DN Electro-Films (EFI) / Vishay	 SIS406DN-T1-GE3-S Electro-Films (EFI) / Vishay	 SIS328VXC1 SIS	 SIS407DN Electro-Films (EFI) / Vishay
 SIS407DN-T1-E3 Electro-Films (EFI) / Vishay	 SIS332DN Electro-Films (EFI) / Vishay	 SIS332DN-T1-GE3 Electro-Films (EFI) / Vishay	 SIS406DN-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 9A PPAK1212-8	 SIS334DN-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 20A PPAK1212-8	 SIS330 SIS

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.

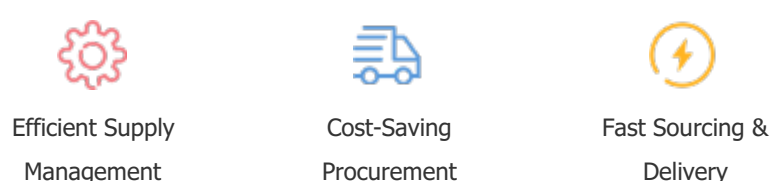
Payment Support

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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