





SISS65DN-T1-GE3

Manufacturer Part Number	SISS65DN-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SISS65DN-T1-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET P-CH 30V 25.9A/94A PPAK
Package	PowerPAK® 1212-8S
Data sheet	SISS65DN.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SISS65DN-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SISS65DN-T1-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SISS65DN-T1-GE3, please send us email: info@allelco.com

Specifications





SISS65DN-T1-GE3 Tech Specifications

SISS65DN-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	2.3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	4930 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	138 nC @ 10 V
Supplier Device Package	PowerPAK® 1212-8S	FET Type	P-Channel
Series	TrenchFET® Gen III	FET Feature	-
Rds On (Max) @ Id, Vgs	4.6mOhm @ 15A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	5.1W (Ta), 65.8W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	PowerPAK® 1212-8S	Current - Continuous Drain (Id) @ 25°C	25.9A (Ta), 94A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SISS65

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SISS65DN-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SISS65DN-T1-GE3	SISS64DN-T1-GE3	SISS23DN-T1-GE3	SISS40DN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Supplier Device Package	PowerPAK® 1212-8S	PowerPAK® 1212-8S	PowerPAK® 1212-8S	PowerPAK® 1212-8S
FET Feature	-	-	-	-
Base Product Number	SISS65	SISS64	SISS23	SISS40
Current - Continuous Drain (Id) @ 25°C	25.9A (Ta), 94A (Tc)	40A (Tc)	50A (Tc)	36.5A (Tc)
FET Type	P-Channel	N-Channel	P-Channel	N-Channel
Package / Case	PowerPAK® 1212-8S	PowerPAK® 1212-8S	PowerPAK® 1212-8S	PowerPAK® 1212-8S
Rds On (Max) @ Id, Vgs	4.6mOhm @ 15A, 10V	2.1mOhm @ 10A, 10V	4.5mOhm @ 20A, 4.5V	21mOhm @ 10A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	1.8V, 4.5V	6V, 10V
Gate Charge (Qg) (Max) @ Vgs	138 nC @ 10 V	68 nC @ 10 V	300 nC @ 10 V	24 nC @ 10 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs(th) (Max) @ Id	2.3V @ 250µA	2.2V @ 250µA	900mV @ 250µA	3.5V @ 250µA
Power Dissipation (Max)	5.1W (Ta), 65.8W (Tc)	57W (Tc)	4.8W (Ta), 57W (Tc)	3.7W (Ta), 52W (Tc)
Series	TrenchFET® Gen III	TrenchFET® Gen IV	TrenchFET®	ThunderFET®
Vgs (Max)	±20V	+20V, -16V	±8V	±20V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	4930 pF @ 15 V	3420 pF @ 15 V	8840 pF @ 15 V	845 pF @ 50 V
Drain to Source Voltage (Vdss)	30 V	30 V	20 V	100 V

SISS65DN-T1-GE3 Datasheet PDF

Download SISS65DN-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SISS65DN-T1-GE3 - Vishay Siliconix.

Datasheets

 SISS65DN.pdf
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Customers Also Interested in

Recommended Products



SISS64DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V 40A PPAK1212-8S



SISS23DN-T1-GE3

Vishay Siliconix
MOSFET P-CH 20V 50A PPAK 1212-8S



SISS40DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 100V 36.5A PPAK



SISS12DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 40V 37.5A/60A PPAK



SISS46DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 100V 12.5/45.3A PPAK



SISS66DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V 49.1/178.3A PPAK



SISS66DN-T1-GE3 MOS

Electro-Films (EFI) / Vishay



SISS42LDN-T1-GE3

Vishay Siliconix
MOSFET N-CH 100V 11.3A/39A PPAK



SISS60DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V 50.1/181.8A PPAK



SISS27ADN-T1-GE3

Vishay Siliconix
MOSFET P-CH 30V 50A PPAK1212-8S



SISS42DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 100V 11.8/40.5A PPAK



SISS32DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 80V 17.4A/63A PPAK



SISS63DN-T1-GE3

Vishay Siliconix
MOSFET P-CH 20V 35.1/127.5A PPAK



SISS27DN-T1-GE3

Vishay Siliconix
MOSFET P-CH 30V 50A PPAK 1212-8S



SISS23DN-T1-GE3 MOS

Electro-Films (EFI) / Vishay



SISS26LDN-T1-GE3

Vishay Siliconix
MOSFET N-CH 60V 23.7A/81.2A PPAK



SISS70DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 125V 8.5A/31A PPAK



SISS98DN-T1-GE3

Vishay Siliconix
MOSFET N-CH 200V 14.1A PPAK

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.

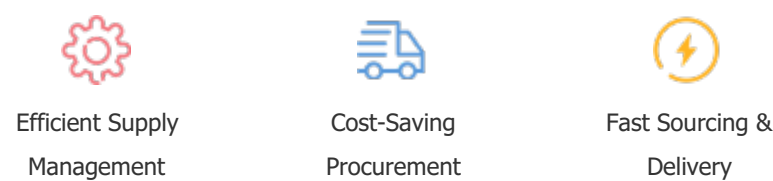
Contact us if you have any questions.

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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