





SI7623DN-T1-GE3

Manufacturer Part Number	SI7623DN-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI7623DN-T1-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET P-CH 20V 35A PPAK1212-8
Package	PowerPAK® 1212-8
Data sheet	SI7623DN.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SI7623DN-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7623DN-T1-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SI7623DN-T1-GE3, please send us email: info@allelco.com

Specifications





SI7623DN-T1-GE3 Tech Specifications

SI7623DN-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	1.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Input Capacitance (Ciss) (Max) @ Vds	5460 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	180 nC @ 10 V
Supplier Device Package	PowerPAK® 1212-8	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	3.8mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V
Power Dissipation (Max)	3.7W (Ta), 52W (Tc)	Drain to Source Voltage (Vdss)	20 V
Package / Case	PowerPAK® 1212-8	Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI7623

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7623DN-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI7623DN-T1-GE3	SI7625DN-T1-GE3	SI7629DN-T1-GE3	SI7617DN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 10V	4.5V, 10V	2.5V, 10V	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds	5460 pF @ 10 V	4427 pF @ 15 V	5790 pF @ 10 V	1800 pF @ 15 V
Power Dissipation (Max)	3.7W (Ta), 52W (Tc)	3.7W (Ta), 52W (Tc)	3.7W (Ta), 52W (Tc)	3.7W (Ta), 52W (Tc)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	SI7623	SI7625	SI7629	SI7617
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Drain to Source Voltage (Vdss)	20 V	30 V	20 V	30 V
Gate Charge (Qg) (Max) @ Vgs	180 nC @ 10 V	126 nC @ 10 V	177 nC @ 10 V	59 nC @ 10 V
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Vgs(th) (Max) @ Id	1.5V @ 250µA	2.5V @ 250µA	1.5V @ 250µA	2.5V @ 250µA
Rds On (Max) @ Id, Vgs	3.8mOhm @ 20A, 10V	7mOhm @ 15A, 10V	4.6mOhm @ 20A, 10V	12.3mOhm @ 13.9A, 10V
FET Feature	-	-	-	-
Package / Case	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Continuous Drain (Id) @ 25°C	35A (Tc)	35A (Tc)	35A (Tc)	35A (Tc)
Supplier Device Package	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® 1212-8
Vgs (Max)	±12V	±20V	±12V	±25V


SI7623DN-T1-GE3 Datasheet PDF

Download SI7623DN-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI7623DN-T1-GE3 - Vishay Siliconix.

Datasheets


Si7623DN.pdf



















PCN Assembly/Origin


New Solder Plating Site 18/Apr/2023.pdf

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
SI7625DN-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 35A PPAK1212-8	SI7629DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 35A PPAK1212-8	SI7617DN-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 35A PPAK1212-8	SI7621DN Electro-Films (EFI) / Vishay	SI7625DN-T1-GE3-A Electro-Films (EFI) / Vishay	SI7623DN Electro-Films (EFI) / Vishay
					
SI7617DN Electro-Films (EFI) / Vishay	SI7619DN-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 24A PPAK1212-8	SI7617DN-T1-E3 Electro-Films (EFI) / Vishay	Si7619DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7615DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	Si7625DN-T1-GE3 MOS Electro-Films (EFI) / Vishay
					
SI7633DP VBSEMI	SI7634BDP Electro-Films (EFI) / Vishay	SI7633DP-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 60A PPAK 50-8	SI7621DN-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 4A PPAK1212-8	SI7620DN-T1-GE3 Vishay Siliconix MOSFET N-CH 150V 13A PPAK1212-8	SI7629DN-T1-GE3 MOS 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.

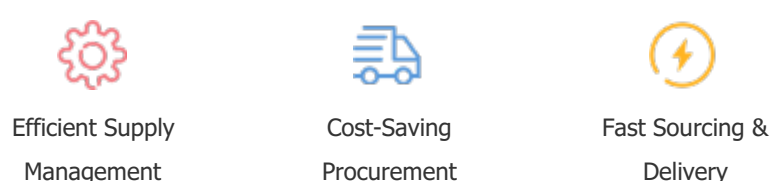
Payment Support

The payment method can be chosen from the methods shown below:

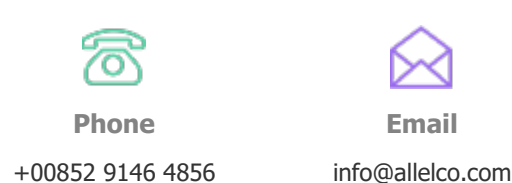
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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