



SI7230DN-T1-E3

Manufacturer Part Number	SI7230DN-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI7230DN-T1-E3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 30V 9A PPAK 1212-8
Package	PowerPAK® 1212-8
Data sheet	SI7230DN.pdf
RoHs Status	 ROHS3 Compliant


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SI7230DN-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7230DN-T1-E3 datasheet/specifications on AllelcoElec.com.
 Request a quote for SI7230DN-T1-E3, please send us email: info@allelco.com

Specifications





SI7230DN-T1-E3 Tech Specifications

SI7230DN-T1-E3 - 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	3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Gate Charge (Qg) (Max) @ Vgs	20 nC @ 5 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	PowerPAK® 1212-8	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Rds On (Max) @ Id, Vgs	12mOhm @ 14A, 10V	Drain to Source Voltage (Vdss)	30 V
Power Dissipation (Max)	1.5W (Ta)	Current - Continuous Drain (Id) @ 25°C	9A (Ta)
Package / Case	PowerPAK® 1212-8	Base Product Number	SI7230
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7230DN-T1-E3

Product Attribute	 NO PICTURE		 NO PICTURE	
Part Number	SI7230DN-T1-E3	SI7230DN-T1-GE3	SI7232DN-T1-GE3 MOS	SI7224DN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	CCSEMI	Vishay Siliconix
Vgs(th) (Max) @ Id	3V @ 250µA	3V @ 250µA	-	2.2V @ 250µA
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	-
FET Type	N-Channel	N-Channel	-	-
Rds On (Max) @ Id, Vgs	12mOhm @ 14A, 10V	12mOhm @ 14A, 10V	-	35mOhm @ 6.5A, 10V
Vgs (Max)	±20V	±20V	-	-
Gate Charge (Qg) (Max) @ Vgs	20 nC @ 5 V	20 nC @ 5 V	-	14.5nC @ 10V
Drain to Source Voltage (Vdss)	30 V	30 V	-	30V
Power Dissipation (Max)	1.5W (Ta)	1.5W (Ta)	-	-
Current - Continuous Drain (Id) @ 25°C	9A (Ta)	9A (Ta)	-	6A
Base Product Number	SI7230	SI7230	-	SI7224
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	Tape & Reel (TR)
Series	TrenchFET®	TrenchFET®	-	TrenchFET®
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Package / Case	PowerPAK® 1212-8	PowerPAK® 1212-8	-	PowerPAK® 1212-8 Dual
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)
Supplier Device Package	PowerPAK® 1212-8	PowerPAK® 1212-8	-	PowerPAK® 1212-8 Dual
FET Feature	-	-	-	Logic Level Gate
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)


SI7230DN-T1-E3 Datasheet PDF

Download SI7230DN-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI7230DN-T1-E3 - Vishay Siliconix.

Datasheets




















[SI7230DN.pdf](#)

PCN Assembly/Origin


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

Customers Also Interested in

Recommended Products

					
SI7232DN-T1-GE3 MOS CCSEMI	SI7224DN-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 6A PPAK 1212-8	SI7232DN-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 25A PPAK 1212-8	SI7233DN/TC72-3.3MM VISHAY/MICR	SI7228DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7233DN SI
					
SI7224DN-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7224DN-T1-E3 MOS Electro-Films (EFI) / Vishay	SI7228DN-TI-GE3 Electro-Films (EFI) / Vishay	SI7234DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 12V 60A PPAK SO-8	SI7224DN-T1-E3 Vishay Siliconix MOSFET 2N-CH 30V 6A PPAK 1212-8	SI7230DN-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 9A PPAK 1212-8
					
SI7228DN-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 26A PPAK 1212-8	SI7225DN SI	SI7230DN-T1-E3 MOS Electro-Films (EFI) / Vishay	SI7225DN-T1-E3 Electro-Films (EFI) / Vishay	SI7233DN-T1-E3 Electro-Films (EFI) / Vishay	SI7233DN-T1-GE3 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.

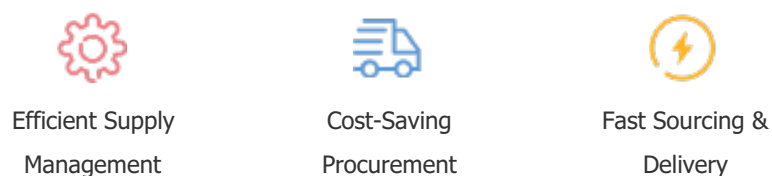
Payment Support

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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