



SI7288DP-T1-GE3

Manufacturer Part Number	SI7288DP-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI7288DP-T1-GE3
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET 2N-CH 40V 20A PPAK SO-8
Package	PowerPAK® SO-8 Dual
Data sheet	SI7288DP.pdf
RoHs Status	ROHS3 Compliant



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SI7288DP-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7288DP-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI7288DP-T1-GE3, please send us email: info@allelco.com

Specifications

SI7288DP-T1-GE3 Tech Specifications
SI7288DP-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	2.8V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	565pF @ 20V
Supplier Device Package	PowerPAK® SO-8 Dual	Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	19mOhm @ 10A, 10V	Drain to Source Voltage (Vdss)	40V
Power - Max	15.6W	Current - Continuous Drain (Id) @ 25°C	20A
Package / Case	PowerPAK® SO-8 Dual	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SI7288

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7288DP-T1-GE3

Product Attribute	NO PICTURE			
Part Number	SI7288DP-T1-GE3	SI7252DP-T1-GE3	SI7234DP-T1-GE3	SI7272DP-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Rds On (Max) @ Id, Vgs	19mOhm @ 10A, 10V	18mOhm @ 15A, 10V	3.4mOhm @ 20A, 4.5V	9.3mOhm @ 15A, 10V
FET Feature	-	Logic Level Gate	-	Logic Level Gate
Package / Case	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual
Configuration	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V	27nC @ 10V	120nC @ 10V	26nC @ 10V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	SI7288	SI7252	SI7234	SI7272
Input Capacitance (Ciss) (Max) @ Vds	565pF @ 20V	1170pF @ 50V	5000pF @ 6V	1100pF @ 15V
Current - Continuous Drain (Id) @ 25°C	20A	36.7A	60A	25A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs(th) (Max) @ Id	2.8V @ 250µA	3.5V @ 250µA	1.5V @ 250µA	2.5V @ 250µA
Drain to Source Voltage (Vdss)	40V	100V	12V	30V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Power - Max	15.6W	46W	46W	22W
Supplier Device Package	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

SI7288DP-T1-GE3 Datasheet PDF

Download SI7288DP-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI7288DP-T1-GE3 - Vishay Siliconix.

Datasheets

[SI7288DP.pdf](#)

PCN Design/Specification

[Mult Dev 07/Jun/2023.pdf](#)



















[New solder paste 26/May/2023.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

					
SI7236DP-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7308DN-T1-GE3 Vishay Siliconix MOSFET N-CH 60V 6A PPAK1212-8	SI7234DP-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI7233DN/TC72-3.3MM VISHAY/MICR	SI7308DN Electro-Films (EFI) / Vishay	SI7252DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 100V 36.7A PPAK 8SO
					
SI7234DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 12V 60A PPAK SO-8	SI7272DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 25A PPAK SO-8	SI7308DN-T1-E3 Vishay Siliconix MOSFET N-CH 60V 6A PPAK1212-8	SI7302DN-T1-GE3 Vishay Siliconix MOSFET N-CH 220V 8.4A PPAK1212-8	SI7252ADP-T1-GE3 Vishay Siliconix DUAL N-CHANNEL 100-V (D-S) MOSFE	SI7233DN-T1-GE3 Electro-Films (EFI) / Vishay
					
SI7300A Sanken Electric Co., Ltd.	SI7302DN-T1-E3 Vishay Siliconix MOSFET N-CH 220V 8.4A PPAK1212-8	SI7270DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 8A PPAK SO-8	SI7308DN-T1-E3 MOS Electro-Films (EFI) / Vishay	SI7308DN-T1-E3-PBF Electro-Films (EFI) / Vishay	SI7236DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 60A PPAK SO-8

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

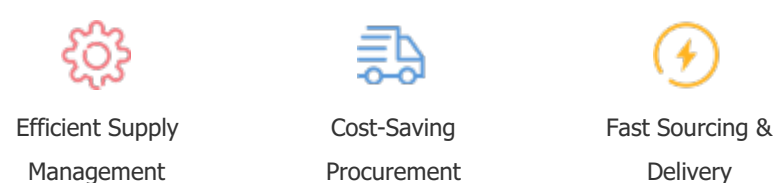
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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