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See specifications for product details.



SI4288DY-T1-GE3

Manufacturer Part Number	SI4288DY-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI4288DY-T1-GE3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET 2N-CH 40V 9.2A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI4288DY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI4288DY-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI4288DY-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI4288DY-T1-GE3, please send us email: info@allelco.com

Specifications

SI4288DY-T1-GE3 Tech Specifications

SI4288DY-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	2.5V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	580pF @ 20V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	20mOhm @ 10A, 10V	Drain to Source Voltage (Vdss)	40V
Power - Max	3.1W	Current - Continuous Drain (Id) @ 25°C	9.2A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SI4288

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI4288DY-T1-GE3

Product Attribute				
Part Number	SI4288DY-T1-GE3	SI4288DY-T1-E3	SI4228DY-T1-GE3	SI4286DY-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Rds On (Max) @ Id, Vgs	20mOhm @ 10A, 10V	18mOhm @ 7A, 10V	18mOhm @ 7A, 10V	32.5mOhm @ 8A, 10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Continuous Drain (Id) @ 25°C	9.2A	8A	8A	7A
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Gate Charge (Qg) (Max) @ Vgs	15nC @ 10V	25nC @ 10V	25nC @ 10V	10.5nC @ 10V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	-
Configuration	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)	2 N-Channel (Dual)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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)	40V	25V	25V	40V
Vgs(th) (Max) @ Id	2.5V @ 250µA	1.4V @ 250µA	1.4V @ 250µA	2.5V @ 250µA
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	580pF @ 20V	790pF @ 12.5V	790pF @ 12.5V	375pF @ 20V
Power - Max	3.1W	3.1W	3.1W	2.9W
Base Product Number	SI4288	SI4228	SI4228	SI4286

SI4288DY-T1-GE3 Datasheet PDF

Download SI4288DY-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI4288DY-T1-GE3 - Vishay Siliconix.

Datasheets

[SI4288DY.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

 NO PICTURE	 SILICON LABS	 SILICON LABS			
SI4300-BM SILICONE	SI4300-D-BMR Silicon Power	SI4300-E-BMR Silicon Power	SI4228DY-T1-E3 Vishay Siliconix MOSFET 2N-CH 25V 8A 8SO	SI4232DY. Fairchild (onsemi)	SI4286DY Electro-Films (EFI) / Vishay
 NO PICTURE	 NO PICTURE				
SI4304DY-T1-E3 SI	SI4300DY-T1-E3 VBSEMI	SI4288DY Electro-Films (EFI) / Vishay	SI4228DY-T1-GE3 Vishay Siliconix MOSFET 2N-CH 25V 8A 8-SOIC	SI4286DY-T1-GE3 Vishay Siliconix MOSFET 2N-CH 40V 7A 8SO	SI4300-E-BM Silicon Labs IC RF AMP 900MHZ/1.8GHZ 20LGA
					 NO PICTURE
SI4308DY-T1 Electro-Films (EFI) / Vishay	SI4276DY-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 8A 8-SOIC	SI4276DY-T1-E3 Vishay Siliconix MOSFET 2N-CH 30V 8A 8SO	SI4304DY-T1-E3 MOS Electro-Films (EFI) / Vishay	SI4276DY Electro-Films (EFI) / Vishay	SI4292SC-TUL UNITRONICS

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

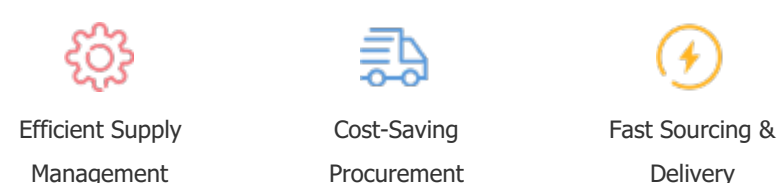
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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Contact us

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