





SI5403DC-T1-GE3

Manufacturer Part Number	SI5403DC-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI5403DC-T1-GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 30V 6A 1206-8
Package	8-SMD, Flat Lead
Data sheet	SI5403DC.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SI5403DC-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI5403DC-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI5403DC-T1-GE3, please send us email: info@allelco.com

Specifications





SI5403DC-T1-GE3 Tech Specifications

SI5403DC-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	3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1340 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	42 nC @ 10 V
Supplier Device Package	1206-8 ChipFET™	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	30mOhm @ 7.2A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	2.5W (Ta), 6.3W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-SMD, Flat Lead	Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI5403

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SI5403DC-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI5403DC-T1-GE3	SI5401DC-T1-GE3	SI5404BDC-T1-GE3	SI5404BDC-T1-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Current - Continuous Drain (Id) @ 25°C	6A (Tc)	5.2A (Ta)	5.4A (Ta)	5.4A (Ta)
Supplier Device Package	1206-8 ChipFET™	1206-8 ChipFET™	1206-8 ChipFET™	1206-8 ChipFET™
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	2.5W (Ta), 6.3W (Tc)	1.3W (Ta)	1.3W (Ta)	1.3W (Ta)
Base Product Number	SI5403	SI5401	SI5404	SI5404
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	1340 pF @ 15 V	-	-	-
Vgs (Max)	±20V	±8V	±12V	±12V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Package / Case	8-SMD, Flat Lead	8-SMD, Flat Lead	8-SMD, Flat Lead	8-SMD, Flat Lead
Vgs(th) (Max) @ Id	3V @ 250µA	1V @ 250µA	1.5V @ 250µA	1.5V @ 250µA
Drain to Source Voltage (Vdss)	30 V	20 V	20 V	20 V
FET Feature	-	-	-	-
FET Type	P-Channel	P-Channel	N-Channel	N-Channel
Rds On (Max) @ Id, Vgs	30mOhm @ 7.2A, 10V	32mOhm @ 5.2A, 4.5V	28mOhm @ 5.4A, 4.5V	28mOhm @ 5.4A, 4.5V
Gate Charge (Qg) (Max) @ Vgs	42 nC @ 10 V	25 nC @ 4.5 V	11 nC @ 4.5 V	11 nC @ 4.5 V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	1.8V, 4.5V	2.5V, 4.5V	2.5V, 4.5V


SI5403DC-T1-GE3 Datasheet PDF

Download SI5403DC-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI5403DC-T1-GE3 - Vishay Siliconix.

Datasheets


SI5403DC.pdf

PCN Assembly/Origin




















New Solder Plating Site 18/Apr/2023.pdf

Environmental Information

PCN Design/Specification

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 SI5401DC-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 5.2A 1206-8	 SI5402DC-T1 Electro-Films (EFI) / Vishay	 SI5404BDC-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 5.4A 1206-8	 SI5404BDC-T1-E3 Vishay Siliconix MOSFET N-CH 20V 5.4A 1206-8
 SI5402DC Electro-Films (EFI) / Vishay	 SI5406CDC-T1-GE3-S Electro-Films (EFI) / Vishay	 SI5406DC-T1 Electro-Films (EFI) / Vishay	 SI5402BDC-T1-E3 Vishay Siliconix MOSFET N-CH 30V 4.9A 1206-8	 SI5404 Electro-Films (EFI) / Vishay	 NO PICTURE SI5404DC-T1 SI
 SI5404DC-T1-E3 Electro-Films (EFI) / Vishay	 SI5406DC-T1-E3 Vishay Siliconix MOSFET N-CH 12V 6.9A 1206-8	 SI5402DC-T1-E3 Vishay Siliconix MOSFET N-CH 30V 4.9A 1206-8	 SI5404DC-T1-GE3 Electro-Films (EFI) / Vishay	 SI5404DC Electro-Films (EFI) / Vishay	 SI5402BDC-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 4.9A 1206-8

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.



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Contact us if you have any questions.

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info@allelco.com

Certifications & Memberships



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