

Image may be representation.
See specifications for product details.



SI2333DS-T1-GE3

Manufacturer Part Number **SI2333DS-T1-GE3**

Manufacturer **Vishay / Siliconix**

Allelco Part Number **32D-SI2333DS-T1-GE3**

ECAD Model Request Free CAD Models

Parts Description **MOSFET P-CH 12V 4.1A SOT23-3**

Package **TO-236-3, SC-59, SOT-23-3**

Data sheet **SI2333DS.pdf**

RoHs Status **ROHS3 Compliant**

Get a Quote

SI2333DS-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI2333DS-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI2333DS-T1-GE3, please send us email: info@allelco.com

Specifications

SI2333DS-T1-GE3 Tech Specifications

SI2333DS-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	1V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±8V	Input Capacitance (Ciss) (Max) @ Vds	1100 pF @ 6 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	18 nC @ 4.5 V
Supplier Device Package	SOT-23-3 (TO-236)	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	32mOhm @ 5.3A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Power Dissipation (Max)	750mW (Ta)	Drain to Source Voltage (Vdss)	12 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	4.1A (Ta)
Package	Tape & Reel (TR)	Base Product Number	SI2333

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI2333DS-T1-GE3

Product Attribute				
Part Number	SI2333DS-T1-GE3	SI2333DS-T1-E3	SI2333CDS-T1-GE3	SI2334DS-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	P-Channel	P-Channel	P-Channel	N-Channel
Rds On (Max) @ Id, Vgs	32mOhm @ 5.3A, 4.5V	32mOhm @ 5.3A, 4.5V	35mOhm @ 5.1A, 4.5V	44mOhm @ 4.2A, 4.5V
Base Product Number	SI2333	SI2333	SI2333	SI2334
Power Dissipation (Max)	750mW (Ta)	750mW (Ta)	1.25W (Ta), 2.5W (Tc)	1.3W (Ta), 1.7W (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V	1.8V, 4.5V	1.8V, 4.5V	2.5V, 4.5V
Drain to Source Voltage (Vdss)	12 V	12 V	12 V	30 V
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Input Capacitance (Ciss) (Max) @ Vds	1100 pF @ 6 V	1100 pF @ 6 V	1225 pF @ 6 V	634 pF @ 15 V
Current - Continuous Drain (Id) @ 25°C	4.1A (Ta)	4.1A (Ta)	7.1A (Tc)	4.9A (Tc)
Vgs(th) (Max) @ Id	1V @ 250µA	1V @ 250µA	1V @ 250µA	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	18 nC @ 4.5 V	18 nC @ 4.5 V	25 nC @ 4.5 V	10 nC @ 4.5 V
FET Feature	-	-	-	-
Vgs (Max)	±8V	±8V	±8V	±8V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®

SI2333DS-T1-GE3 Datasheet PDF

Download SI2333DS-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI2333DS-T1-GE3 - Vishay Siliconix.

Datasheets

SI2333DS.pdf



















PCN Assembly/Origin

New Solder Plating Site 18/Apr/2023.pdf

Environmental Information

Customers Also Interested in

Recommended Products

					
SI2333DS-T1-E3 Vishay Siliconix MOSFET P-CH 12V 4.1A SOT23-3	SI2333CDS-TI-GE3 Electro-Films (EFI) / Vishay	SI2333DDS-T1-E3 Electro-Films (EFI) / Vishay	SI2334DS-T1-E3 Electro-Films (EFI) / Vishay	SI2333DS-T1 Electro-Films (EFI) / Vishay	SI2333DS-T1-GE3 MOS Electro-Films (EFI) / Vishay
					
SI2333CDS-T1-GE3 Vishay Siliconix MOSFET P-CH 12V 7.1A SOT23-3	SI2333DS Electro-Films (EFI) / Vishay	SI2334DS-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 4.9A SOT23-3	SI2333DDST1-GE3 Electro-Films (EFI) / Vishay	SI2336DS-T1-E3 Electro-Films (EFI) / Vishay	SI2336DS-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 5.2A SOT23-3
					
SI2335DS-T1 Electro-Films (EFI) / Vishay	SI2335DS-T1-E3 Vishay Siliconix MOSFET P-CH 12V 3.2A SOT23-3	SI2333DDS-T1-GE3 Vishay Siliconix MOSFET P-CH 12V 6A SOT23-3	SI2333CDS-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI2335DS-T1-GE3 Vishay Siliconix MOSFET P-CH 12V 3.2A SOT23-3	SI2333CDS-T1-E3 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

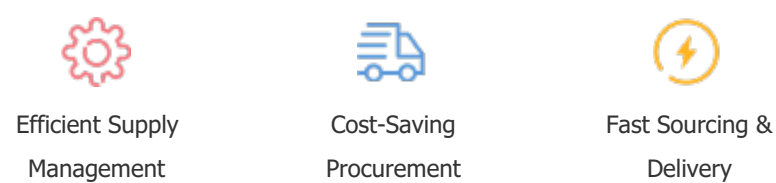
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

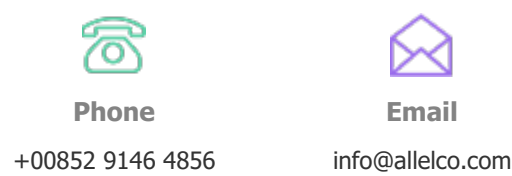
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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