

Image may be representation.
See specifications for product details.



SI2343DS-T1-E3

Manufacturer Part Number	SI2343DS-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI2343DS-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET P-CH 30V 3.1A SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	SI2343DS-T1-E3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI2343DS-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI2343DS-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI2343DS-T1-E3, please send us email: info@allelco.com

Specifications

SI2343DS-T1-E3 Tech Specifications
SI2343DS-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	Input Capacitance (Ciss) (Max) @ Vds	540 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	21 nC @ 10 V
Supplier Device Package	SOT-23-3 (TO-236)	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	53mOhm @ 4A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	750mW (Ta)	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	3.1A (Ta)
Package	Tape & Reel (TR)	Base Product Number	SI2343

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI2343DS-T1-E3

Product Attribute				
Part Number	SI2343DS-T1-E3	SI2347DS-T1-GE3	SI2343DS-T1-GE3	SI2351DS-T1-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Gate Charge (Qg) (Max) @ Vgs	21 nC @ 10 V	22 nC @ 10 V	21 nC @ 10 V	5.1 nC @ 5 V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	10V	-
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	20 V
Series	TrenchFET®	TrenchFET®	TrenchFET®	-
Vgs (Max)	±20V	±20V	±20V	-
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
FET Feature	-	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	540 pF @ 15 V	705 pF @ 15 V	540 pF @ 15 V	250 pF @ 10 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	750mW (Ta)	1.7W (Tc)	750mW (Ta)	-
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
Vgs(th) (Max) @ Id	3V @ 250µA	2.5V @ 250µA	3V @ 250µA	1.5V @ 250µA
Current - Continuous Drain (Id) @ 25°C	3.1A (Ta)	5A (Tc)	3.1A (Ta)	2.8A (Tc)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Base Product Number	SI2343	SI2347	SI2343	SI2351
Rds On (Max) @ Id, Vgs	53mOhm @ 4A, 10V	42mOhm @ 3.8A, 10V	53mOhm @ 4A, 10V	115mOhm @ 2.4A, 4.5V
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)

SI2343DS-T1-E3 Datasheet PDF

Download SI2343DS-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI2343DS-T1-E3 - Vishay Siliconix.

PCN Assembly/Origin



















New Solder Plating Site 18/Apr/2023.pdf

Environmental Information

Material Compliance.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE					
SI2341DS-T1	SI2347DS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 5A SOT23-3	SI2343DDS-T1-GE3 Electro-Films (EFI) / Vishay	SI2342DS-T1-E3 Electro-Films (EFI) / Vishay	SI2343DS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 3.1A SOT23-3	SI2342DS-T1-GE3 MOS Electro-Films (EFI) / Vishay
				 NO PICTURE	
SI2344DS-E3 Electro-Films (EFI) / Vishay	SI2351DS-T1-E3 Vishay Siliconix MOSFET P-CH 20V 2.8A SOT23-3	SI2341DS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 2.5A SOT23-3	SI2341DS Electro-Films (EFI) / Vishay	SI2347DS-T1-E3	SI2351DS Electro-Films (EFI) / Vishay
					
SI2351DS-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 2.8A SOT23-3	SI2342DS-T1-GE3 Vishay Siliconix MOSFET N-CH 8V 6A SOT-23	SI2347DS-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI2347DS-T1-BE3 Vishay Siliconix P-CHANNEL 30-V (D-S) MOSFET	SI2341DS-T1-E3 Vishay Siliconix MOSFET P-CH 30V 2.5A SOT23-3	SI2343CDS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 5.9A SOT23-3

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

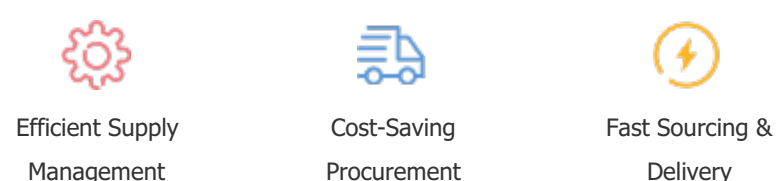
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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