

Image may be representation.
See specifications for product details.



SI3443BDV-T1-E3

Manufacturer Part Number	SI3443BDV-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI3443BDV-T1-E3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 20V 3.6A 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	SI3443BDV.pdf
RoHs Status	ROHS3 Compliant

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SI3443BDV-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI3443BDV-T1-E3 datasheet/specifications on AllelcoElec.com. Request a quote for SI3443BDV-T1-E3, please send us email: info@allelco.com

Specifications

SI3443BDV-T1-E3 Tech Specifications
SI3443BDV-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	1.4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Gate Charge (Qg) (Max) @ Vgs	9 nC @ 4.5 V
Technology	MOSFET (Metal Oxide)	FET Type	P-Channel
Supplier Device Package	6-TSOP	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Rds On (Max) @ Id, Vgs	60mOhm @ 4.7A, 4.5V	Drain to Source Voltage (Vdss)	20 V
Power Dissipation (Max)	1.1W (Ta)	Current - Continuous Drain (Id) @ 25°C	3.6A (Ta)
Package / Case	SOT-23-6 Thin, TSOT-23-6	Base Product Number	SI3443
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI3443BDV-T1-E3

Product Attribute				
Part Number	SI3443BDV-T1-E3	SI3443CDV-T1-E3	SI3442DV	SI3443CDV-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	onsemi	Vishay Siliconix
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V	2.5V, 4.5V	2.7V, 4.5V	2.5V, 4.5V
Series	TrenchFET®	TrenchFET®	-	TrenchFET®
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	SI3443	SI3443	SI344	SI3443
Vgs(th) (Max) @ Id	1.4V @ 250µA	1.5V @ 250µA	1V @ 250µA	1.5V @ 250µA
FET Type	P-Channel	P-Channel	N-Channel	P-Channel
Supplier Device Package	6-TSOP	6-TSOP	SuperSOT™-6	6-TSOP
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Power Dissipation (Max)	1.1W (Ta)	2W (Ta), 3.2W (Tc)	1.6W (Ta)	2W (Ta), 3.2W (Tc)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Current - Continuous Drain (Id) @ 25°C	3.6A (Ta)	5.97A (Tc)	4.1A (Ta)	5.97A (Tc)
Drain to Source Voltage (Vdss)	20 V	20 V	20 V	20 V
Gate Charge (Qg) (Max) @ Vgs	9 nC @ 4.5 V	12.4 nC @ 5 V	14 nC @ 4.5 V	12.4 nC @ 5 V
Vgs (Max)	±12V	±12V	8V	±12V
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	60mOhm @ 4.7A, 4.5V	60mOhm @ 4.7A, 4.5V	60mOhm @ 4.1A, 4.5V	60mOhm @ 4.7A, 4.5V

SI3443BDV-T1-E3 Datasheet PDF

Download SI3443BDV-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI3443BDV-T1-E3 - Vishay Siliconix.

Datasheets


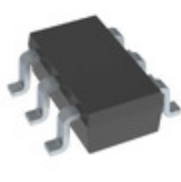








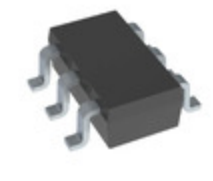
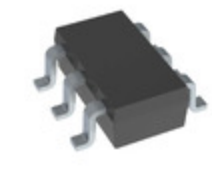




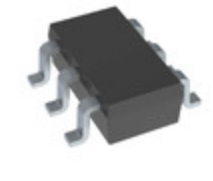

[SI3443BDV.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

					
SI3443ADV-T1-E3 Electro-Films (EFI) / Vishay	SI3443CDV-T1-E3 Vishay Siliconix MOSFET P-CH 20V 5.97A 6TSOP	SI3442DV-T1-GE3 Electro-Films (EFI) / Vishay	SI3443BDV-T1 Electro-Films (EFI) / Vishay	SI3442DV onsemi MOSFET N-CH 20V 4.1A SUPERSOT6	SI3443CDV-T1-E3 MOS Electro-Films (EFI) / Vishay
					
SI3443CDV Electro-Films (EFI) / Vishay	SI3443BDV-T1-E3 Electro-Films (EFI) / Vishay	SI3442CDV-T1-E3 Electro-Films (EFI) / Vishay	SI3442DV-T1 Electro-Films (EFI) / Vishay	SI3443CDV-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 5.97A 6TSOP	SI3442CDV-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 8A 6TSOP
					
SI3443BDV MSV	SI3443BVD Electro-Films (EFI) / Vishay	SI3442DV Fairchild Semiconductor MOSFET N-CH 20V 4.1A SUPERSOT6	SI3443BDV-T1-E3 MOS Electro-Films (EFI) / Vishay	SI3443BDV-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 3.6A 6TSOP	SI3442DV-T1-E3 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.

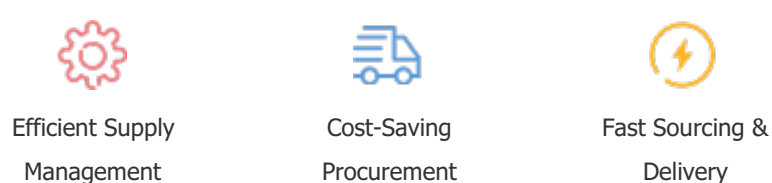
Payment Support

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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