



Image may be representation.
See specifications for product details.



SI9433BDY-T1-E3

Manufacturer Part Number	SI9433BDY-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI9433BDY-T1-E3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 20V 4.5A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI9433BDY-T1-E3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI9433BDY-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI9433BDY-T1-E3 datasheet/specifications on AllelcoElec.com. Request a quote for SI9433BDY-T1-E3, please send us email: info@allelco.com

Specifications

SI9433BDY-T1-E3 Tech Specifications
SI9433BDY-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	1.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Gate Charge (Qg) (Max) @ Vgs	14 nC @ 4.5 V
Technology	MOSFET (Metal Oxide)	FET Type	P-Channel
Supplier Device Package	8-SOIC	FET Feature	-
Series	-	Drive Voltage (Max Rds On, Min Rds On)	2.7V, 4.5V
Rds On (Max) @ Id, Vgs	40mOhm @ 6.2A, 4.5V	Drain to Source Voltage (Vdss)	20 V
Power Dissipation (Max)	1.3W (Ta)	Current - Continuous Drain (Id) @ 25°C	4.5A (Ta)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	SI9433
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI9433BDY-T1-E3

Product Attribute				
Part Number	SI9433BDY-T1-E3	SI9433BDY-T1-GE3	SI9433BDY-T1-E3 MOS	SI9433ADY-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Electro-Films (EFI) / Vishay	Electro-Films (EFI) / Vishay
Drain to Source Voltage (Vdss)	20 V	20 V	-	-
Current - Continuous Drain (Id) @ 25°C	4.5A (Ta)	4.5A (Ta)	-	-
Power Dissipation (Max)	1.3W (Ta)	1.3W (Ta)	-	-
Drive Voltage (Max Rds On, Min Rds On)	2.7V, 4.5V	2.7V, 4.5V	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Rds On (Max) @ Id, Vgs	40mOhm @ 6.2A, 4.5V	40mOhm @ 6.2A, 4.5V	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
Series	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-
Gate Charge (Qg) (Max) @ Vgs	14 nC @ 4.5 V	14 nC @ 4.5 V	-	-
FET Type	P-Channel	P-Channel	-	-
Vgs(th) (Max) @ Id	1.5V @ 250µA	1.5V @ 250µA	-	-
FET Feature	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	-	-
Base Product Number	SI9433	SI9433	-	-
Vgs (Max)	±12V	±12V	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-	-

SI9433BDY-T1-E3 Datasheet PDF

Download SI9433BDY-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI9433BDY-T1-E3 - Vishay Siliconix.

PCN Assembly/Origin

New Solder Plating Site 18/Apr/2023.pdf

Customers Also Interested in

Recommended Products



SI9433BDY-T1-E3 MOS
Electro-Films (EFI) / Vishay

SI9433BDY-T1-GE3
Vishay Siliconix
MOSFET P-CH 20V 4.5A 8SO

SI9433ADY-T1-GE3
Electro-Films (EFI) / Vishay

SI9431DY-T1
SILICONIX

SI9430DY-T1-GE3
Electro-Films (EFI) / Vishay

SI9433ADY
Electro-Films (EFI) / Vishay



SI9434ADY-T1-E3
Electro-Films (EFI) / Vishay

SI9431DY-T1-E3
VBSEMI

SI9433DY-T-E3
Electro-Films (EFI) / Vishay

SI9433B
Electro-Films (EFI) / Vishay

SI9433ADY-T1-E3
Electro-Films (EFI) / Vishay

SI9433DY-T1
Electro-Films (EFI) / Vishay



SI9433BDY-T1
Electro-Films (EFI) / Vishay

SI9433DY
Electro-Films (EFI) / Vishay

SI9433DY-T1-E3.
Electro-Films (EFI) / Vishay

SI9433DY-T1-GE3
Electro-Films (EFI) / Vishay

SI9433DY-T1-E3
VBSEMI

SI9433DY-T1
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 -

Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



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