

Image may be representation.
See specifications for product details.



SI4434DY-T1-GE3

Manufacturer Part Number	SI4434DY-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI4434DY-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 250V 2.1A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI4434DY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI4434DY-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI4434DY-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI4434DY-T1-GE3, please send us email: info@allelco.com

Specifications

SI4434DY-T1-GE3 Tech Specifications

SI4434DY-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	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Gate Charge (Qg) (Max) @ Vgs	50 nC @ 10 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	8-SOIC	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Rds On (Max) @ Id, Vgs	155mOhm @ 3A, 10V	Drain to Source Voltage (Vdss)	250 V
Power Dissipation (Max)	1.56W (Ta)	Current - Continuous Drain (Id) @ 25°C	2.1A (Ta)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	SI4434
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI4434DY-T1-GE3

Product Attribute				
Part Number	SI4434DY-T1-GE3	SI4435BDY-T1-E3	SI4431DY-T1-E3	SI4435BDY
Manufacturer	Vishay Siliconix	Vishay Siliconix	Electro-Films (EFI) / Vishay	Electro-Films (EFI) / Vishay
Vgs(th) (Max) @ Id	4V @ 250µA	3V @ 250µA	-	-
Gate Charge (Qg) (Max) @ Vgs	50 nC @ 10 V	70 nC @ 10 V	-	-
Supplier Device Package	8-SOIC	8-SOIC	-	-
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	4.5V, 10V	-	-
FET Type	N-Channel	P-Channel	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Rds On (Max) @ Id, Vgs	155mOhm @ 3A, 10V	20mOhm @ 9.1A, 10V	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	-
FET Feature	-	-	-	-
Vgs (Max)	±20V	±20V	-	-
Series	TrenchFET®	TrenchFET®	-	-
Drain to Source Voltage (Vdss)	250 V	30 V	-	-
Base Product Number	SI4434	SI4435	-	-
Power Dissipation (Max)	1.56W (Ta)	1.5W (Ta)	-	-
Mounting Type	Surface Mount	Surface Mount	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-
Current - Continuous Drain (Id) @ 25°C	2.1A (Ta)	7A (Ta)	-	-

SI4434DY-T1-GE3 Datasheet PDF

Download SI4434DY-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI4434DY-T1-GE3 - Vishay Siliconix.

Datasheets



















SI4434DY.pdf

PCN Assembly/Origin

New Solder Plating Site 18/Apr/2023.pdf

Customers Also Interested in

Recommended Products

					
SI4431DY-T1-E3 Electro-Films (EFI) / Vishay	SI4435BDY Electro-Films (EFI) / Vishay	SI4435ADY-T1-E3 VBSEMI	SI4435BDY-T1-E3 Vishay Siliconix MOSFET P-CH 30V 7A 8SO	SI4435 MSV	SI4435ADY-T1-GE3 Electro-Films (EFI) / Vishay
					
SI4433DY-T1-GE3 Electro-Films (EFI) / Vishay	SI4431DY-T1-GE3 Electro-Films (EFI) / Vishay	SI4435ADY Electro-Films (EFI) / Vishay	SI4435BDY-E Electro-Films (EFI) / Vishay	SI4432BPF Silicon Power	SI4432 Silicon Power
					
SI4433DY-T1-E3 VBSEMI	SI4432-B1-FM Silicon Labs IC RF TXRX ISM<1GHZ 20V FQFN	SI4431DY-T1 Electro-Films (EFI) / Vishay	SI4435B Electro-Films (EFI) / Vishay	SI4432-B1-FMR Silicon Labs IC RF TXRX ISM<1GHZ 20V FQFN	SI4431DY-NL Fairchild (onsemi)

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.

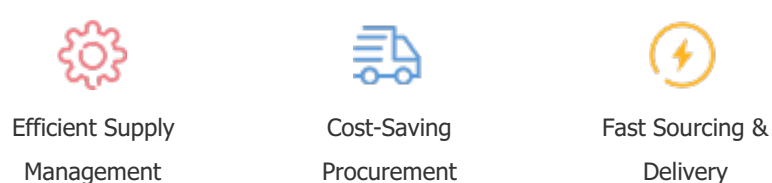
Payment Support

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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