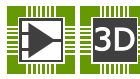



SI1499DH-T1-GE3

Manufacturer Part Number	SI1499DH-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI1499DH-T1-GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 8V 1.6A SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	SI1499DH.pdf
RoHs Status	 ROHS3 Compliant


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SI1499DH-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI1499DH-T1-GE3 datasheet/specifications on AllelcoElec.com.

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Specifications





SI1499DH-T1-GE3 Tech Specifications

SI1499DH-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	800mV @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±5V	Input Capacitance (Ciss) (Max) @ Vds	650 pF @ 4 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	16 nC @ 4.5 V
Supplier Device Package	SC-70-6	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	78mOhm @ 2A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	1.2V, 4.5V
Power Dissipation (Max)	2.5W (Ta), 2.78W (Tc)	Drain to Source Voltage (Vdss)	8 V
Package / Case	6-TSSOP, SC-88, SOT-363	Current - Continuous Drain (Id) @ 25°C	1.6A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI1499

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SI1499DH-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI1499DH-T1-GE3	SI1499DH-T1-E3	SI1473DH-T1-E3	SI1443EDH-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Rds On (Max) @ Id, Vgs	78mOhm @ 2A, 4.5V	78mOhm @ 2A, 4.5V	100mOhm @ 2A, 10V	54mOhm @ 4.3A, 10V
FET Feature	-	-	-	-
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Power Dissipation (Max)	2.5W (Ta), 2.78W (Tc)	2.5W (Ta), 2.78W (Tc)	1.5W (Ta), 2.78W (Tc)	1.6W (Ta), 2.8W (Tc)
Current - Continuous Drain (Id) @ 25°C	1.6A (Tc)	1.6A (Tc)	2.7A (Tc)	4A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.2V, 4.5V	1.2V, 4.5V	4.5V, 10V	10V
Drain to Source Voltage (Vdss)	8 V	8 V	30 V	30 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	650 pF @ 4 V	650 pF @ 4 V	365 pF @ 15 V	-
Gate Charge (Qg) (Max) @ Vgs	16 nC @ 4.5 V	16 nC @ 4.5 V	6.2 nC @ 4.5 V	28 nC @ 10 V
Vgs(th) (Max) @ Id	800mV @ 250µA	800mV @ 250µA	3V @ 250µA	1.5V @ 250µA
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Supplier Device Package	SC-70-6	SC-70-6	SC-70-6	SC-70-6
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Vgs (Max)	±5V	±5V	±20V	±12V
Base Product Number	SI1499	SI1499	SI1473	SI1443
Package / Case	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363


SI1499DH-T1-GE3 Datasheet PDF

Download SI1499DH-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI1499DH-T1-GE3 - Vishay Siliconix.

Datasheets



















 SI1499DH.pdf
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Environmental Information

 Material Compliance.pdf

Customers Also Interested in

Recommended Products

 SI1499DH-T1-E3 Vishay Siliconix MOSFET P-CH 8V 1.6A SC70-6	 SI1473DH-T1-E3 Vishay Siliconix MOSFET P-CH 30V 2.7A SC70-6	 SI1443EDH-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 4A SOT-363	 SI1470DH-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 5.1A SC70-6	 SI1539CDL-T1-GE3 Vishay Siliconix MOSFET N/P-CH 30V SOT363	 SI1501DL-T1 Electro-Films (EFI) / Vishay
 SI1501DL-T1-GE3 Electro-Films (EFI) / Vishay	 SI1499DH Electro-Films (EFI) / Vishay	 SI1539DL-T1 Electro-Films (EFI) / Vishay	 SI1471DH-T1-E3 Vishay Siliconix MOSFET P-CH 30V 2.7A SC70-6	 SI1469DH-T1-E3 Vishay Siliconix MOSFET P-CH 20V 2.7A SC70-6	 SI1480DH-T1-GE3 Vishay Siliconix MOSFET N-CH 100V 2.6A SC70-6
 SI1501DL SILICONIX	 SI1489EDH-T1-GE3 Vishay Siliconix MOSFET P-CH 8V 2A SOT-363	 SI1539DL-T1-E3 Vishay Siliconix MOSFET N/P-CH 30V SC70-6	 SI1539CDL-TI-GE3 Electro-Films (EFI) / Vishay	 SI1471DH-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 2.7A SC70-6	 SI1539DL-T1-GE3 Vishay Siliconix MOSFET N/P-CH 30V SC70-6

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

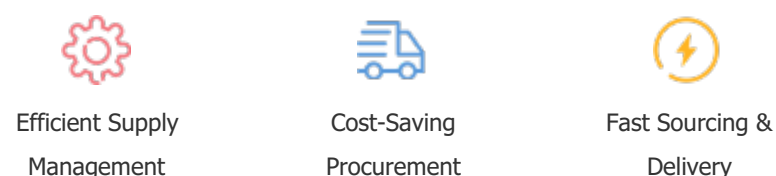
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

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



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Contact us if you have any questions.



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