

Image may be representation.
See specifications for product details.



SI4848DY-T1-GE3

Manufacturer Part Number	SI4848DY-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI4848DY-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 150V 2.7A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI4848DY-T1-GE3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI4848DY-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI4848DY-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI4848DY-T1-GE3, please send us email: info@allelco.com

Specifications

SI4848DY-T1-GE3 Tech Specifications
SI4848DY-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	2V @ 250µA (Min)	Mounting Type	Surface Mount
Vgs (Max)	±20V	Gate Charge (Qg) (Max) @ Vgs	21 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	85mOhm @ 3.5A, 10V	Drain to Source Voltage (Vdss)	150 V
Power Dissipation (Max)	1.5W (Ta)	Current - Continuous Drain (Id) @ 25°C	2.7A (Ta)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	SI4848
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI4848DY-T1-GE3

Product Attribute				
Part Number	SI4848DY-T1-GE3	SI4850EY-T1	SI4848DY-T1-E3	SI4850EY-T1-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)
Rds On (Max) @ Id, Vgs	85mOhm @ 3.5A, 10V	22mOhm @ 6A, 10V	85mOhm @ 3.5A, 10V	22mOhm @ 6A, 10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Dissipation (Max)	1.5W (Ta)	1.7W (Ta)	1.5W (Ta)	1.7W (Ta)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	150 V	60 V	150 V	60 V
Vgs (Max)	±20V	±20V	±20V	±20V
Gate Charge (Qg) (Max) @ Vgs	21 nC @ 10 V	27 nC @ 10 V	21 nC @ 10 V	27 nC @ 10 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	2.7A (Ta)	6A (Ta)	2.7A (Ta)	6A (Ta)
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Base Product Number	SI4848	SI4850	SI4848	SI4850
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Vgs(th) (Max) @ Id	2V @ 250µA (Min)	3V @ 250µA	2V @ 250µA (Min)	3V @ 250µA
FET Feature	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	4.5V, 10V	6V, 10V	4.5V, 10V

SI4848DY-T1-GE3 Datasheet PDF

Download SI4848DY-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI4848DY-T1-GE3 - Vishay Siliconix.

PCN Assembly/Origin

New Solder Plating Site 18/Apr/2023.pdf

Customers Also Interested in

Recommended Products



SI4845DY
VIS



SI4850DY-T1-E3
VBSEMI



SI4850EY-T1
Vishay Siliconix
MOSFET N-CH 60V 6A 8SO



SI4844-B20-GUR
Skyworks Solutions Inc.
RF RX AM/FM 504KHZ-1.75MHZ
SSOP



SI4850EY
Electro-Films (EFI) / Vishay



SI4844-A10-GUR
Skyworks Solutions Inc.
RF RX AM/FM 504KHZ-1.75MHZ
SSOP



SI4850DY
SILICONIX



SI4848DY
VIS



SI4848DY-T1
Electro-Films (EFI) / Vishay



SI4845
Electro-Films (EFI) / Vishay



SI4845DY-T1-E3-S
Electro-Films (EFI) / Vishay



SI4848DY-T1-E3
Vishay Siliconix
MOSFET N-CH 150V 2.7A 8SO



SI4848DY-T1-E3 MOS
Electro-Films (EFI) / Vishay



SI4850EY-T1-E3
Vishay Siliconix
MOSFET N-CH 60V 6A 8SO



SI4848EY-T1
Electro-Films (EFI) / Vishay



SI4850BDY-T1-GE3
Vishay Siliconix
MOSFET N-CH 60V 8.4A/11.3A 8SO



SI4845DY-T1-E3
Vishay Siliconix
MOSFET P-CH 20V 2.7A 8SO



SI4850BDY
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

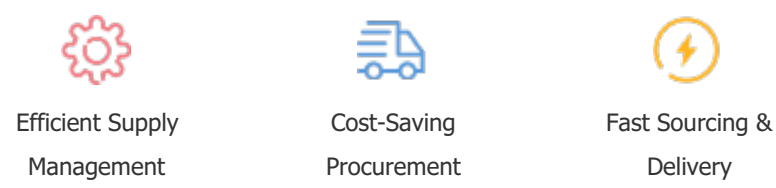
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

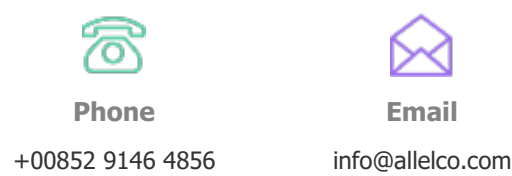
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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