

Image may be representation.
See specifications for product details.



SI4628DY-T1-GE3

Manufacturer Part Number	SI4628DY-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI4628DY-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 30V 38A 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI4628DY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI4628DY-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI4628DY-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI4628DY-T1-GE3, please send us email: info@allelco.com

Specifications

SI4628DY-T1-GE3 Tech Specifications

SI4628DY-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	2.5V @ 1mA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	3450 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	87 nC @ 10 V
Supplier Device Package	8-SOIC	FET Type	N-Channel
Series	SkyFET®, TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	3mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	3.5W (Ta), 7.8W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Continuous Drain (Id) @ 25°C	38A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI4628

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI4628DY-T1-GE3

Product Attribute				
Part Number	SI4628DY-T1-GE3	SI4621DY-T1-E3	SI4626ADY-T1-E3	SI4630DY-T1-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Current - Continuous Drain (Id) @ 25°C	38A (Tc)	6.2A (Tc)	30A (Tc)	40A (Tc)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
FET Feature	-	Schottky Diode (Isolated)	-	-
FET Type	N-Channel	P-Channel	N-Channel	N-Channel
Vgs (Max)	±20V	±20V	±20V	±16V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rds On (Max) @ Id, Vgs	3mOhm @ 20A, 10V	54mOhm @ 5A, 10V	3.3mOhm @ 15A, 10V	2.7mOhm @ 20A, 10V
Vgs(th) (Max) @ Id	2.5V @ 1mA	3V @ 250µA	2.5V @ 250µA	2.2V @ 250µA
Series	SkyFET®, TrenchFET®	LITTLE FOOT®	TrenchFET®	TrenchFET®
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Dissipation (Max)	3.5W (Ta), 7.8W (Tc)	2W (Ta), 3.1W (Tc)	3W (Ta), 6W (Tc)	3.5W (Ta), 7.8W (Tc)
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)
Drain to Source Voltage (Vdss)	30 V	20 V	30 V	25 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	SI4628	SI4621	SI4626	SI4630
Input Capacitance (Ciss) (Max) @ Vds	3450 pF @ 15 V	450 pF @ 10 V	5370 pF @ 15 V	6670 pF @ 15 V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	4.5V, 10V
Gate Charge (Qg) (Max) @ Vgs	87 nC @ 10 V	13 nC @ 10 V	125 nC @ 10 V	161 nC @ 10 V

SI4628DY-T1-GE3 Datasheet PDF

Download SI4628DY-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI4628DY-T1-GE3 - Vishay Siliconix.

Datasheets

SI4628DY.pdf

PCN Obsolescence/ EOL

Mult Mosfet EOL 30/Aug/2018.pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products



SI4621DY-T1-E3
Vishay Siliconix
MOSFET P-CH 20V 6.2A 8SO



SI4622DY-T1-E3 MOS
Electro-Films (EFI) / Vishay



SI4626ADY-T1-E3
Vishay Siliconix
MOSFET N-CH 30V 30A 8SO



SI4628DY
Electro-Films (EFI) / Vishay



SI4630DY-T1-E3
Vishay Siliconix
MOSFET N-CH 25V 40A 8SO



SI4634ADY
Electro-Films (EFI) / Vishay



SI4630DY
Electro-Films (EFI) / Vishay



SI4630DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 25V 40A 8SO



SI4620DY-T1-E3.
Electro-Films (EFI) / Vishay



SI4620DY-T1-E3 MOS
Electro-Films (EFI) / Vishay



SI4626ADY-T1-GE3
Vishay Siliconix
MOSFET N-CH 30V 30A 8SO



SI4622DY-T1-E3
Vishay Siliconix
MOSFET 2N-CH 30V 8A 8-SOIC



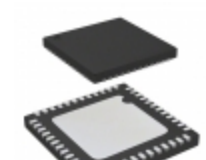
SI4630DY-T1-E3 MOS
Electro-Films (EFI) / Vishay



SI462DP
Electro-Films (EFI) / Vishay



SI4622DY-T1-GE3
Vishay Siliconix
MOSFET 2N-CH 30V 8A 8-SOIC



SI4632-A10-GM
Skyworks Solutions Inc.
RF RX AM/FM 520KHZ-1.71MHZ
48QFN



SI4626ADY
SI



SI4628DY-T1-GE3 MOS
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

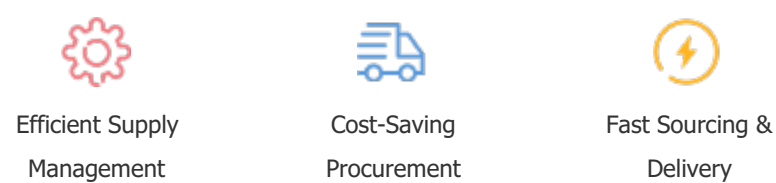
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

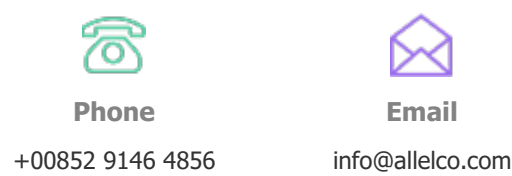
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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