

Image may be representation.
See specifications for product details.



SI4670DY-T1-E3

Manufacturer Part Number	SI4670DY-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI4670DY-T1-E3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET 2N-CH 25V 8A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	SI4670DY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI4670DY-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI4670DY-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI4670DY-T1-E3, please send us email: info@allelco.com

Specifications

SI4670DY-T1-E3 Tech Specifications

SI4670DY-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	2.2V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	680pF @ 13V
Supplier Device Package	8-SOIC	Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	23mOhm @ 7A, 10V	Drain to Source Voltage (Vdss)	25V
Power - Max	2.8W	Current - Continuous Drain (Id) @ 25°C	8A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SI4670

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI4670DY-T1-E3

Product Attribute				
Part Number	SI4670DY-T1-E3	SI4670DY-T1-GE3	SI4670DY-T1-E3 MOS	SI4682DY-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Electro-Films (EFI) / Vishay	Vishay Siliconix
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	-	8-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	Tape & Reel (TR)
Series	TrenchFET®	TrenchFET®	-	TrenchFET®
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Current - Continuous Drain (Id) @ 25°C	8A	8A	-	16A (Tc)
Vgs(th) (Max) @ Id	2.2V @ 250µA	2.2V @ 250µA	-	2.5V @ 250µA
FET Feature	Logic Level Gate	Logic Level Gate	-	-
Drain to Source Voltage (Vdss)	25V	25V	-	30 V
Supplier Device Package	8-SOIC	8-SOIC	-	8-SOIC
Power - Max	2.8W	2.8W	-	-
Input Capacitance (Ciss) (Max) @ Vds	680pF @ 13V	680pF @ 13V	-	1595 pF @ 15 V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)
Base Product Number	SI4670	SI4670	-	SI4682
Rds On (Max) @ Id, Vgs	23mOhm @ 7A, 10V	23mOhm @ 7A, 10V	-	9.4mOhm @ 16A, 10V
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V	18nC @ 10V	-	38 nC @ 10 V
Configuration	2 N-Channel (Dual)	2 N-Channel (Dual)	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)

SI4670DY-T1-E3 Datasheet PDF

Download SI4670DY-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI4670DY-T1-E3 - Vishay Siliconix.

Datasheets

SI4670DY.pdf

Customers Also Interested in

Recommended Products



SI4670DY-T1-E3 MOS
Electro-Films (EFI) / Vishay

SI4682DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 30V 16A 8SO

SI4666DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 25V 16.5A 8SO

SI4654DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 25V 28.6A 8SO

SI4670DY-T1-GE3
Vishay Siliconix
MOSFET 2N-CH 25V 8A 8-SOIC

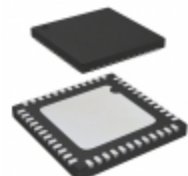
SI4684
Electro-Films (EFI) / Vishay



SI4682DY
VIS



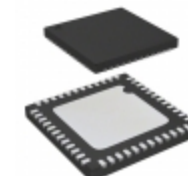
SI4682DY-T1-E3
Vishay Siliconix
MOSFET N-CH 30V 16A 8SO



SI4682-A10-GM
Skyworks Solutions Inc.
RF RCVR FM 76MHZ-108MHZ 48QFN



SI4660DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 25V 23.1A 8SO



SI4683-A10-GMR
Skyworks Solutions Inc.
RF RX AM/FM 520KHZ-1.71MHZ 48QFN



SI4662DY-T1-GE3
VBSEMI



SI4668DY-T1-GE3
Vishay Siliconix
MOSFET N-CH 25V 16.2A 8SO



SI4674DY-T1-E3
Electro-Films (EFI) / Vishay



SI4666A
Electro-Films (EFI) / Vishay



SI4670DY
Electro-Films (EFI) / Vishay



SI4666DY-T1-E3
Electro-Films (EFI) / Vishay



SI4660DY-T1-E3
Vishay Siliconix
MOSFET N-CH 25V 23.1A 8SO

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

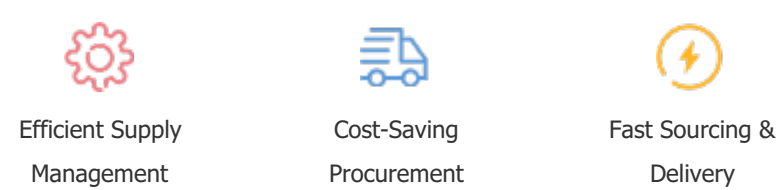
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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