





SIR770DP-T1-GE3

Manufacturer Part Number	SIR770DP-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIR770DP-T1-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET 2N-CH 30V 8A PPAK SO-8
Package	PowerPAK® SO-8 Dual
Data sheet	SIR770DP-T1-GE3.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SIR770DP-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIR770DP-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SIR770DP-T1-GE3, please send us email: info@allelco.com





Specifications

SIR770DP-T1-GE3 Tech Specifications
SIR770DP-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	2.8V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	900pF @ 15V
Supplier Device Package	PowerPAK® SO-8 Dual	Gate Charge (Qg) (Max) @ Vgs	21nC @ 10V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	21mOhm @ 8A, 10V	Drain to Source Voltage (Vdss)	30V
Power - Max	17.8W	Current - Continuous Drain (Id) @ 25°C	8A
Package / Case	PowerPAK® SO-8 Dual	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SIR770

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SIR770DP-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SIR770DP-T1-GE3	SIR740DP-T1-GE3	SIR680LDP-T1-RE3	SIR696DP-T1-GE3
Manufacturer	Vishay Siliconix	Electro-Films (EFI) / Vishay	Vishay Siliconix	Vishay Siliconix
Series	TrenchFET®	-	TrenchFET®	ThunderFET®
Package / Case	PowerPAK® SO-8 Dual	-	PowerPAK® SO-8	PowerPAK® SO-8
Power - Max	17.8W	-	-	-
Base Product Number	SIR770	-	SIR680	SIR696
Technology	MOSFET (Metal Oxide)	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Vgs(th) (Max) @ Id	2.8V @ 250µA	-	2.5V @ 250µA	4.5V @ 250µA
Rds On (Max) @ Id, Vgs	21mOhm @ 8A, 10V	-	2.8mOhm @ 20A, 10V	11.5mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Gate Charge (Qg) (Max) @ Vgs	21nC @ 10V	-	135 nC @ 10 V	38 nC @ 10 V
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Configuration	2 N-Channel (Dual)	-	-	-
Drain to Source Voltage (Vdss)	30V	-	80 V	125 V
Supplier Device Package	PowerPAK® SO-8 Dual	-	PowerPAK® SO-8	PowerPAK® SO-8
Current - Continuous Drain (Id) @ 25°C	8A	-	31.8A (Ta), 130A (Tc)	60A (Tc)
FET Feature	Logic Level Gate	-	-	-
Input Capacitance (Ciss) (Max) @ Vds	900pF @ 15V	-	7250 pF @ 40 V	1410 pF @ 75 V


SIR770DP-T1-GE3 Datasheet PDF

Download SIR770DP-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIR770DP-T1-GE3 - Vishay Siliconix.

Datasheets


[SIR770DP-T1-GE3.pdf](#)

PCN Assembly/Origin


[New Solder Plating Site 18/Apr/2023.pdf](#)

Customers Also Interested in

Recommended Products



SIR740DP-T1-GE3

Electro-Films (EFI) / Vishay



SIR680LDP-T1-RE3

Vishay Siliconix
MOSFET N-CH 80V 31.8A/130A PPAK



SIR696DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 125V 60A PPAK SO-8



SIR802DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 20V 30A PPAK SO-8



SIR680DP-T1-RE3

Vishay Siliconix
MOSFET N-CH 80V 100A PPAK SO-8



SIR788DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V 60A PPAK SO-8



SIR774DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V



SIR680LDP-T1-GE3

Electro-Films (EFI) / Vishay



SIR690DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 200V 34.4A PPAK SO-8



SIR800ADP-T1-GE3

Vishay Siliconix
MOSFET N-CH 20V 50.2A/177A PPAK



SIR800DP-T1-E3

Electro-Films (EFI) / Vishay



SIR688DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 60V 60A PPAK SO-8



SIR770DP-T1-GE3 MOS

Electro-Films (EFI) / Vishay



SIR800DP-T1-GE3 MOS

Electro-Films (EFI) / Vishay



SIR800DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 20V 50A PPAK SO-8



SIR698DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 100V 7.5A PPAK SO-8



SIR798DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 30V 60A PPAK SO-8



SIR770DP-T1-E3

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.

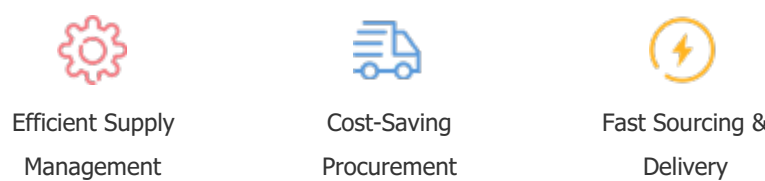
Contact us if you have any questions.

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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