




SIR798DP-T1-GE3

Manufacturer Part Number	SIR798DP-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIR798DP-T1-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 30V 60A PPAK SO-8
Package	PowerPAK® SO-8
Data sheet	SIR798DP.pdf


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SIR798DP-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIR798DP-T1-GE3 datasheet/specifications on AllelcoElec.com.
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Specifications





SIR798DP-T1-GE3 Tech Specifications

SIR798DP-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 @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	5050 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	130 nC @ 10 V
Supplier Device Package	PowerPAK® SO-8	FET Type	N-Channel
Series	-	FET Feature	Schottky Diode (Body)
Rds On (Max) @ Id, Vgs	2.05Ohm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	83W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	PowerPAK® SO-8	Current - Continuous Drain (Id) @ 25°C	60A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SIR798

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIR798DP-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SIR798DP-T1-GE3	SIR698DP-T1-GE3	SIR802DP-T1-GE3	SIR804DP-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)
Vgs (Max)	±20V	±20V	±12V	±20V
Package / Case	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® SO-8
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	TrenchFET®	TrenchFET®	TrenchFET®
Vgs(th) (Max) @ Id	2.5V @ 250µA	3.5V @ 250µA	1.5V @ 250µA	3V @ 250µA
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	30 V	100 V	20 V	100 V
FET Feature	Schottky Diode (Body)	-	-	-
Gate Charge (Qg) (Max) @ Vgs	130 nC @ 10 V	8 nC @ 10 V	32 nC @ 10 V	76 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	5050 pF @ 15 V	210 pF @ 50 V	1785 pF @ 10 V	2450 pF @ 50 V
Current - Continuous Drain (Id) @ 25°C	60A (Tc)	7.5A (Tc)	30A (Tc)	60A (Tc)
Supplier Device Package	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® SO-8
Rds On (Max) @ Id, Vgs	2.05Ohm @ 20A, 10V	195mOhm @ 2.5A, 10V	5mOhm @ 10A, 10V	7.2mOhm @ 20A, 10V
Power Dissipation (Max)	83W (Tc)	3.7W (Ta), 23W (Tc)	4.6W (Ta), 27.7W (Tc)	6.25W (Ta), 104W (Tc)
Base Product Number	SIR798	SIR698	SIR802	SIR804
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	6V, 10V	2.5V, 10V	4.5V, 10V

SIR798DP-T1-GE3 Datasheet PDF

Download SIR798DP-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIR798DP-T1-GE3 - Vishay Siliconix.

Datasheets







PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products

					
SIR698DP-T1-GE3 Vishay Siliconix MOSFET N-CH 100V 7.5A PPAK SO-8	SIR802DP-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 30A PPAK SO-8	SIR770DP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 30V 8A PPAK SO-8	SIR804DP-T1-GE3 Vishay Siliconix MOSFET N-CH 100V 60A PPAK SO-8	SIR770DP-T1-E3 Electro-Films (EFI) / Vishay	SIR804DP-T1-GE2 Electro-Films (EFI) / Vishay
					
SIR808DP Electro-Films (EFI) / Vishay	SIR770DP-T1-GE3 MOS Electro-Films (EFI) / Vishay	SIR800DP-T1-GE3 MOS Electro-Films (EFI) / Vishay	SIR740DP-T1-GE3 Electro-Films (EFI) / Vishay	SIR696DP-T1-GE3 Vishay Siliconix MOSFET N-CH 125V 60A PPAK SO-8	SIR800DP-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 50A PPAK SO-8
					
SIR800DP-T1-E3 Electro-Films (EFI) / Vishay	SIR808DP-T1-GE3 Vishay Siliconix MOSFET N-CH 25V 20A PPAK SO-8	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	SIR788DP-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 60A PPAK SO-8	SIR774DP-T1-GE3 Vishay Siliconix MOSFET N-CH 30V

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

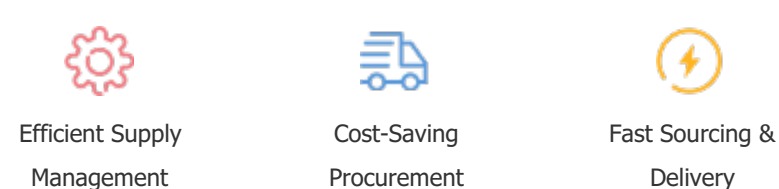
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

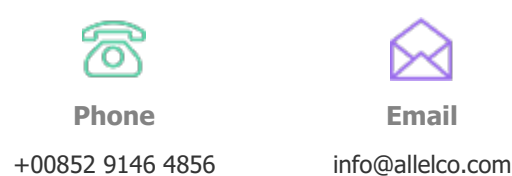
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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