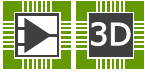





# SI7135DP-T1-GE3

Manufacturer Part Number	<b>SI7135DP-T1-GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SI7135DP-T1-GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 30V 60A PPAK SO-8
Package	PowerPAK® SO-8
Data sheet	<b>SI7135DP.pdf</b>
RoHs Status	 ROHS3 Compliant



**Get a Quote**

SI7135DP-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7135DP-T1-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SI7135DP-T1-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





SI7135DP-T1-GE3 Tech Specifications

SI7135DP-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	3V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	8650 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	250 nC @ 10 V
Supplier Device Package	PowerPAK® SO-8	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	3.9mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	6.25W (Ta), 104W (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	SI7135

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7135DP-T1-GE3

Product Attribute	 NO PICTURE			
Part Number	SI7135DP-T1-GE3	SI7129DN-T1-GE3	SI7123DN-T1-GE3	SI7137DP-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Supplier Device Package	PowerPAK® SO-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® SO-8
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	3V @ 250µA	2.8V @ 250µA	1V @ 250µA	1.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	250 nC @ 10 V	71 nC @ 10 V	90 nC @ 4.5 V	585 nC @ 10 V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	1.8V, 4.5V	2.5V, 10V
Drain to Source Voltage (Vdss)	30 V	30 V	20 V	20 V
Base Product Number	SI7135	SI7129	SI7123	SI7137
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Rds On (Max) @ Id, Vgs	3.9mOhm @ 20A, 10V	11.4mOhm @ 14.4A, 10V	10.6mOhm @ 15A, 4.5V	1.95mOhm @ 25A, 10V
Power Dissipation (Max)	6.25W (Ta), 104W (Tc)	3.8W (Ta), 52.1W (Tc)	1.5W (Ta)	6.25W (Ta), 104W (Tc)
Current - Continuous Drain (Id) @ 25°C	60A (Tc)	35A (Tc)	10.2A (Ta)	60A (Tc)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	PowerPAK® SO-8	PowerPAK® 1212-8	PowerPAK® 1212-8	PowerPAK® SO-8
Vgs (Max)	±20V	±20V	±8V	±12V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	8650 pF @ 15 V	3345 pF @ 15 V	3729 pF @ 10 V	20000 pF @ 10 V


## SI7135DP-T1-GE3 Datasheet PDF

Download SI7135DP-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI7135DP-T1-GE3 - Vishay Siliconix.

### Datasheets


SI7135DP.pdf

### PCN Design/Specification

















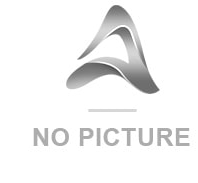


Mult Dev 07/Jun/2023.pdf


New solder paste 26/May/2023.pdf

### PCN Assembly/Origin

## Customers Also Interested in

### Recommended Products

 <b>SI7135CJ</b> SIX	 <b>SI7129DN-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI7129DN-T1-GE3</b> Vishay Siliconix MOSFET P-CH 30V 35A PPAK1212-8	 <b>SI7123DN-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 10.2A PPAK1212-8	 <b>SI7137DP-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 60A PPAK SO-8	 <b>SI7138DP-T1-E3</b> Vishay Siliconix MOSFET N-CH 60V 30A PPAK SO-8
 <b>SI7136DP-T1-E3</b> Vishay Siliconix MOSFET N-CH 20V 30A PPAK SO-8	 <b>SI7129DN-T1-GE3 MOS</b> CCSEMI	 <b>SI7136DP-T1-GE3 MOS</b> Electro-Films (EFI) / Vishay	 <b>SI7137DP-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI7139DP-T1-GE3</b> Vishay Siliconix MOSFET P-CH 30V 40A PPAK SO-8	 <b>SI7136DP</b> Electro-Films (EFI) / Vishay
 <b>SI7123DN-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI7135DP-T1-E3</b> Electro-Films (EFI) / Vishay	 <b>SI7123DN-T1-GE3 MOS</b> Electro-Films (EFI) / Vishay	 <b>SI7136DP-T1-GE3</b> Vishay Siliconix MOSFET N-CH 20V 30A PPAK SO-8	 <b>SI7129DN</b> SI	 <b>SI7123DN-T1-GE3TR</b> 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.

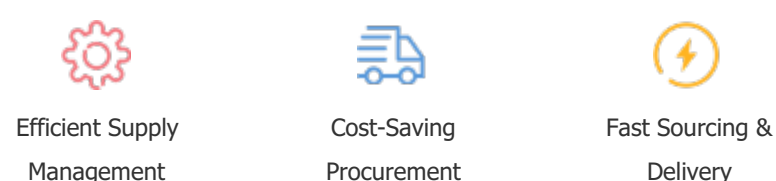
### Payment Support

The payment method can be chosen from the methods shown below:

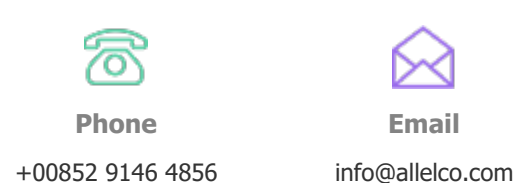
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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