



## SI7635DP-T1-GE3

Manufacturer Part Number	<b>SI7635DP-T1-GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SI7635DP-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 20V 40A PPAK SO-8
Package	PowerPAK® SO-8
Data sheet	<b>SI7635DP.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

SI7635DP-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI7635DP-T1-GE3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SI7635DP-T1-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SI7635DP-T1-GE3 Tech Specifications  
SI7635DP-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	2.2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±16V	Input Capacitance (Ciss) (Max) @ Vds	4595 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	143 nC @ 10 V
Supplier Device Package	PowerPAK® SO-8	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	4.9mOhm @ 26A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	5W (Ta), 54W (Tc)	Drain to Source Voltage (Vdss)	20 V
Package / Case	PowerPAK® SO-8	Current - Continuous Drain (Id) @ 25°C	40A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI7635

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI7635DP-T1-GE3

Product Attribute				
Part Number	SI7635DP-T1-GE3	SI7636DP-T1-GE3	SI7655ADN-T1-GE3	SI7655DN-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Input Capacitance (Ciss) (Max) @ Vds	4595 pF @ 10 V	5600 pF @ 15 V	6600 pF @ 10 V	6600 pF @ 10 V
FET Type	P-Channel	N-Channel	P-Channel	P-Channel
Supplier Device Package	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® 1212-8S	PowerPAK® 1212-8S
Rds On (Max) @ Id, Vgs	4.9mOhm @ 26A, 10V	4mOhm @ 25A, 10V	3.6mOhm @ 20A, 10V	3.6mOhm @ 20A, 10V
Package / Case	PowerPAK® SO-8	PowerPAK® SO-8	PowerPAK® 1212-8S	PowerPAK® 1212-8S
Drain to Source Voltage (Vdss)	20 V	30 V	20 V	20 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gate Charge (Qg) (Max) @ Vgs	143 nC @ 10 V	50 nC @ 4.5 V	225 nC @ 10 V	225 nC @ 10 V
FET Feature	-	-	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	2.5V, 10V	2.5V, 10V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Vgs (Max)	±16V	±20V	±12V	±12V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	40A (Tc)	17A (Ta)	40A (Tc)	40A (Tc)
Vgs(th) (Max) @ Id	2.2V @ 250µA	3V @ 250µA	1.1V @ 250µA	1.1V @ 250µA
Base Product Number	SI7635	SI7636	SI7655	SI7655
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Dissipation (Max)	5W (Ta), 54W (Tc)	1.9W (Ta)	4.8W (Ta), 57W (Tc)	4.8W (Ta), 57W (Tc)

### SI7635DP-T1-GE3 Datasheet PDF

Download SI7635DP-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI7635DP-T1-GE3 - Vishay Siliconix.

#### Datasheets

SI7635DP.pdf



















#### PCN Obsolescence/ EOL

Multiple Devices 14/Mar/2018.pdf

#### PCN Assembly/Origin

## Customers Also Interested in

### Recommended Products

					
<b>SI7635DP-T1-E3</b> Electro-Films (EFI) / Vishay	<b>SI7634DP-T1-E3</b> Electro-Films (EFI) / Vishay	<b>SI7636DP-T1-GE3</b> Vishay Siliconix MOSFET N-CH 30V 17A PPAK SO-8	<b>SI7655ADN-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 40A PPAK1212-8S	<b>SI7634BDP</b> Electro-Films (EFI) / Vishay	<b>SI7655DN-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 40A PPAK1212-8S
					
<b>SI7658ADP</b> Electro-Films (EFI) / Vishay	<b>SI7636DP-T1-E3 MOS</b> Electro-Films (EFI) / Vishay	<b>SI7634DP-T1</b> Electro-Films (EFI) / Vishay	<b>SI7658ADP-T1-E3</b> Electro-Films (EFI) / Vishay	<b>SI7636DP</b> SI	<b>SI7634BDP-T1-E3 MOS</b> Electro-Films (EFI) / Vishay
					
<b>SI7634BDP-T1-GE3</b> Vishay Siliconix MOSFET N-CH 30V 40A PPAK SO-8	<b>SI7652DP-T1-E3</b> Electro-Films (EFI) / Vishay	<b>SI7636DP-T1-E3</b> Vishay Siliconix MOSFET N-CH 30V 17A PPAK SO-8	<b>SI7634DP-T1-GE3</b> Electro-Films (EFI) / Vishay	<b>SI7634BDP-T1-E3</b> Vishay Siliconix MOSFET N-CH 30V 40A PPAK SO-8	<b>SI7634DP</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.

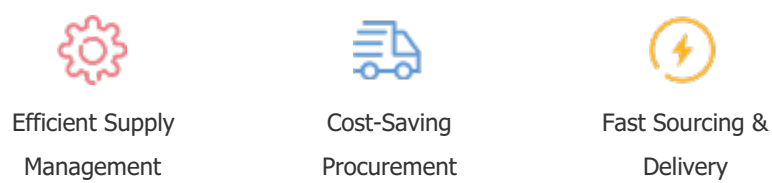
### Payment Support

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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