

Image may be representation.  
See specifications for product details.



## SI3440DV-T1-GE3

Manufacturer Part Number	<b>SI3440DV-T1-GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SI3440DV-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	<b>MOSFET N-CH 150V 1.2A 6TSOP</b>
Package	<b>SOT-23-6 Thin, TSOT-23-6</b>
Data sheet	SI3440DV-T1-GE3.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SI3440DV-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI3440DV-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI3440DV-T1-GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SI3440DV-T1-GE3 Tech Specifications  
SI3440DV-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	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Gate Charge (Qg) (Max) @ Vgs	8 nC @ 10 V
Technology	MOSFET (Metal Oxide)	FET Type	N-Channel
Supplier Device Package	6-TSOP	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Rds On (Max) @ Id, Vgs	375mOhm @ 1.5A, 10V	Drain to Source Voltage (Vdss)	150 V
Power Dissipation (Max)	1.14W (Ta)	Current - Continuous Drain (Id) @ 25°C	1.2A (Ta)
Package / Case	SOT-23-6 Thin, TSOT-23-6	Base Product Number	SI3440
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI3440DV-T1-GE3

Product Attribute				
Part Number	SI3440DV-T1-GE3	SI3440DV-T1-E3	SI3437DV-T1-GE3	SI3438DV-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)
FET Feature	-	-	-	-
Supplier Device Package	6-TSOP	6-TSOP	6-TSOP	6-TSOP
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	6V, 10V	6V, 10V	4.5V, 10V
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	3V @ 250µA
Rds On (Max) @ Id, Vgs	375mOhm @ 1.5A, 10V	375mOhm @ 1.5A, 10V	750mOhm @ 1.4A, 10V	35.5mOhm @ 5A, 10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	150 V	150 V	150 V	40 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	1.14W (Ta)	1.14W (Ta)	2W (Ta), 3.2W (Tc)	2W (Ta), 3.5W (Tc)
FET Type	N-Channel	N-Channel	P-Channel	N-Channel
Base Product Number	SI3440	SI3440	SI3437	SI3438
Current - Continuous Drain (Id) @ 25°C	1.2A (Ta)	1.2A (Ta)	1.4A (Tc)	7.4A (Tc)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs (Max)	±20V	±20V	±20V	±20V
Gate Charge (Qg) (Max) @ Vgs	8 nC @ 10 V	8 nC @ 10 V	19 nC @ 10 V	20 nC @ 10 V

### SI3440DV-T1-GE3 Datasheet PDF

Download SI3440DV-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI3440DV-T1-GE3 - Vishay Siliconix.

#### PCN Assembly/Origin





New Solder Plating Site 18/Apr/2023.pdf

#### PCN Design/Specification

Mult Dev Material Chgs 13/Jan/2019.pdf

### Customers Also Interested in

## Recommended Products

					
<b>SI3440DV-T1-E3</b> Vishay Siliconix MOSFET N-CH 150V 1.2A 6TSOP	<b>SI3437DV-T1-GE3</b> Vishay Siliconix MOSFET P-CH 150V 1.4A 6TSOP	<b>SI3438DV-T1-GE3</b> Vishay Siliconix MOSFET N-CH 40V 7.4A 6TSOP	<b>SI3441BDV-T1-E3</b> Vishay Siliconix MOSFET P-CH 20V 2.45A 6TSOP	<b>SI3441BDV-T1-GE3</b> Vishay Siliconix MOSFET P-CH 20V 2.45A 6TSOP	<b>SI3441BDV-TI-E3</b> Electro-Films (EFI) / Vishay
					
<b>SI3437DV-T1-E3</b> Vishay Siliconix MOSFET P-CH 150V 1.4A 6TSOP	<b>SI3441BDV-T1-E3.</b> VIS	<b>SI3438DV-T1-GE3 MOS</b> Electro-Films (EFI) / Vishay	<b>SI3440DV</b> Electro-Films (EFI) / Vishay	<b>SI3440DV-T1-E3 MOS</b> Electro-Films (EFI) / Vishay	<b>SI3438DV-T1-E3</b> Vishay Siliconix MOSFET N-CH 40V 7.4A 6TSOP
					
<b>SI3441DV</b> Fairchild Semiconductor P-CHANNEL MOSFET	<b>SI3437DV-T1-GE3 MOS</b> Electro-Films (EFI) / Vishay	<b>SI3440DV-T1-GE3 MOS</b> Electro-Films (EFI) / Vishay	<b>SI3441BDV-T1</b> Electro-Films (EFI) / Vishay	<b>SI3441DBV-T1-E3</b> Electro-Films (EFI) / Vishay	<b>SI3440ADV-T1-GE3</b> Vishay Siliconix MOSFET N-CH 150V 2.2A 6TSOP

## 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.

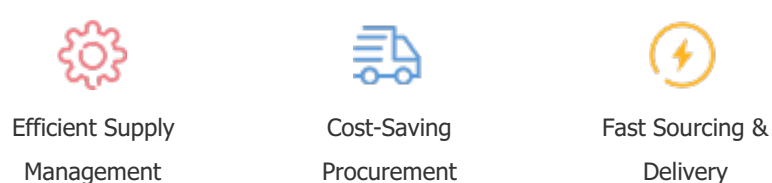
## Payment Support

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

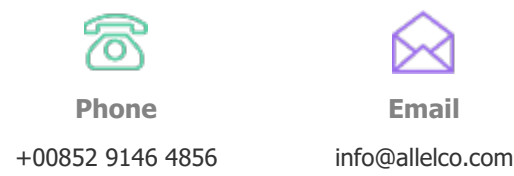
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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