

Image may be representation.
See specifications for product details.



SI3410DV-T1-GE3

Manufacturer Part Number	SI3410DV-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI3410DV-T1-GE3
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 30V 8A 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	SI3410DV.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SI3410DV-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI3410DV-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SI3410DV-T1-GE3, please send us email: info@allelco.com

Specifications

SI3410DV-T1-GE3 Tech Specifications
SI3410DV-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	1295 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	33 nC @ 10 V
Supplier Device Package	6-TSOP	FET Type	N-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	19.5mOhm @ 5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	2W (Ta), 4.1W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	SOT-23-6 Thin, TSOT-23-6	Current - Continuous Drain (Id) @ 25°C	8A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI3410

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI3410DV-T1-GE3

Product Attribute				
Part Number	SI3410DV-T1-GE3	SI3421DV-T1-GE3	SI3417DV-T1-GE3	SI3407-TP
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Micro Commercial Co
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	10V
FET Feature	-	-	-	-
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	TO-236-3, SC-59, SOT-23-3
Power Dissipation (Max)	2W (Ta), 4.1W (Tc)	2W (Ta), 4.2W (Tc)	2W (Ta), 4.2W (Tc)	1.3W
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	±20V	±20V
Series	TrenchFET®	TrenchFET®	TrenchFET®	-
Input Capacitance (Ciss) (Max) @ Vds	1295 pF @ 15 V	2580 pF @ 15 V	1350 pF @ 15 V	700 pF @ 15 V
Vgs(th) (Max) @ Id	3V @ 250µA	3V @ 250µA	3V @ 250µA	3V @ 250µA
FET Type	N-Channel	P-Channel	P-Channel	P-Channel
Base Product Number	SI3410	SI3421	SI3417	SI3407
Current - Continuous Drain (Id) @ 25°C	8A (Tc)	8A (Tc)	8A (Ta)	4.1A (Ta)
Supplier Device Package	6-TSOP	6-TSOP	6-TSOP	SOT-23
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Rds On (Max) @ Id, Vgs	19.5mOhm @ 5A, 10V	19.2mOhm @ 7A, 10V	25.2mOhm @ 7.3A, 10V	87mOhm @ 2.9A, 4.5V
Gate Charge (Qg) (Max) @ Vgs	33 nC @ 10 V	69 nC @ 10 V	50 nC @ 10 V	-
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	30 V

SI3410DV-T1-GE3 Datasheet PDF

Download SI3410DV-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SI3410DV-T1-GE3 - Vishay Siliconix.

Datasheets




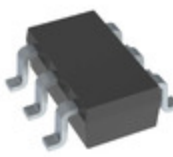





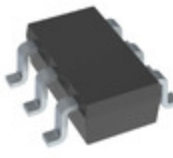


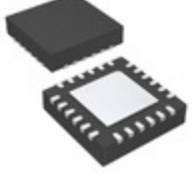





[SI3410DV.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

 SI3422DV-T1-GE3 Electro-Films (EFI) / Vishay	 SI3420DV-T1-GE3 Electro-Films (EFI) / Vishay	 SI3421DV-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 8A 6TSOP	 SI3417DV-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 8A 6TSOP	 SI3422DV-T1 Electro-Films (EFI) / Vishay	 SI3407-TP Micro Commercial Co MOSFET P-CH 30V 4.1A SOT23
 SI3407DV-T1-GE3 MOS Electro-Films (EFI) / Vishay	 SI3417DV-T1-GE3 MOS Electro-Films (EFI) / Vishay	 SI3424BDV Electro-Films (EFI) / Vishay	 SI3407DV-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 8A 6TSOP	 SI3404-TP Micro Commercial Co MOSFET N-CHANNEL 30V 5.8A SOT23	 SI3421DV-T1-GE3 MOS Electro-Films (EFI) / Vishay
 SI34061-A-GMR Skyworks Solutions Inc. IC POE CNTRL 1 CHANNEL 24QFN	 SI3422DV Electro-Films (EFI) / Vishay	 SI3410DV-T1-GE3 MOS Electro-Films (EFI) / Vishay	 SI3407DV-T1-E3 Vishay Siliconix MOSFET P-CH 20V 8A 6TSOP	 SI3410DV-T1-E3 Vishay Siliconix MOSFET N-CH 30V 8A 6TSOP	 SI3404-A-GMR Skyworks Solutions Inc. IC POE CNTRL 1 CHANNEL 20QFN

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.



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-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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