





SI5435BDC-T1-E3

Manufacturer Part Number	SI5435BDC-T1-E3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI5435BDC-T1-E3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET P-CH 30V 4.3A 1206-8
Package	8-SMD, Flat Lead
Data sheet	SI5435BDC.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SI5435BDC-T1-E3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI5435BDC-T1-E3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI5435BDC-T1-E3, please send us email: info@allelco.com





Specifications

SI5435BDC-T1-E3 Tech Specifications
SI5435BDC-T1-E3 - 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	Gate Charge (Qg) (Max) @ Vgs	24 nC @ 10 V
Technology	MOSFET (Metal Oxide)	FET Type	P-Channel
Supplier Device Package	1206-8 ChipFET™	FET Feature	-
Series	TrenchFET®	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Rds On (Max) @ Id, Vgs	45mOhm @ 4.3A, 10V	Drain to Source Voltage (Vdss)	30 V
Power Dissipation (Max)	1.3W (Ta)	Current - Continuous Drain (Id) @ 25°C	4.3A (Ta)
Package / Case	8-SMD, Flat Lead	Base Product Number	SI5435
Package	Tape & Reel (TR)		

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SI5435BDC-T1-E3

Product Attribute	 NO PICTURE			
Part Number	SI5435BDC-T1-E3	SI5429DU-T1-GE3	SI5442DU-T1-GE3	SI5433BDC-T1-GE3
Manufacturer	Vishay Siliconix	Electro-Films (EFI) / Vishay	Vishay Siliconix	Vishay Siliconix
Current - Continuous Drain (Id) @ 25°C	4.3A (Ta)	12A (Tc)	25A (Tc)	4.8A (Ta)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Rds On (Max) @ Id, Vgs	45mOhm @ 4.3A, 10V	15 mOhm @ 7A, 10V	10mOhm @ 8A, 4.5V	37mOhm @ 4.8A, 4.5V
Gate Charge (Qg) (Max) @ Vgs	24 nC @ 10 V	63nC @ 10V	45 nC @ 8 V	22 nC @ 4.5 V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	1.8V, 4.5V	1.8V, 4.5V
Vgs(th) (Max) @ Id	3V @ 250µA	2.2V @ 250µA	900mV @ 250µA	1V @ 250µA
Package / Case	8-SMD, Flat Lead	PowerPAK® ChipFET™ Dual	PowerPAK® ChipFET™ Single	8-SMD, Flat Lead
Vgs (Max)	±20V	±20V	±8V	±8V
Base Product Number	SI5435	-	SI5442	SI5433
Drain to Source Voltage (Vdss)	30 V	30V	20 V	20 V
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Power Dissipation (Max)	1.3W (Ta)	3.1W (Ta), 31W (Tc)	3.1W (Ta), 31W (Tc)	1.3W (Ta)
Supplier Device Package	1206-8 ChipFET™	PowerPAK® ChipFet Dual	PowerPAK® ChipFet Single	1206-8 ChipFET™
FET Feature	-	-	-	-
FET Type	P-Channel	P-Channel	N-Channel	P-Channel


SI5435BDC-T1-E3 Datasheet PDF

Download SI5435BDC-T1-E3 pdf datasheets and Vishay Siliconix documentation for SI5435BDC-T1-E3 - Vishay Siliconix.


Datasheets

 SI5435BDC.pdf

Environmental Information



















 Material Compliance.pdf

PCN Obsolescence/ EOL

 PCN- SIL-0722014 10/Jun/2014.pdf

Customers Also Interested in

Recommended Products

					
SI5429DU-T1-GE3 Electro-Films (EFI) / Vishay MOSFET P-CH 30V 12A PWR PK	SI5442DU-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 25A PPAK	SI5435DC-T1-E3 Electro-Films (EFI) / Vishay	SI5433BDC-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 4.8A 1206-8	SI5441BDC Electro-Films (EFI) / Vishay	SI5424DC-T1-GE3 MOS Electro-Films (EFI) / Vishay
					
SI5441BDC-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 4.4A 1206-8	SI5433DC-T1-E3 Electro-Films (EFI) / Vishay	SI5441DC-T1 Electro-Films (EFI) / Vishay	SI5432DC-T1-GE3-S Electro-Films (EFI) / Vishay	SI5441BDC-T1-E3 Vishay Siliconix MOSFET P-CH 20V 4.4A 1206-8	SI5441BDC-T1-E3 MOS Electro-Films (EFI) / Vishay
					
SI5432DC-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI5435BDC-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 4.3A 1206-8	SI5441DC-T1-E3 Vishay Siliconix MOSFET P-CH 20V 3.9A 1206-8	SI5441DC Electro-Films (EFI) / Vishay	SI5433BDC-T1-E3 Vishay Siliconix MOSFET P-CH 20V 4.8A 1206-8	SI5432DC-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 6A 1206-8

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

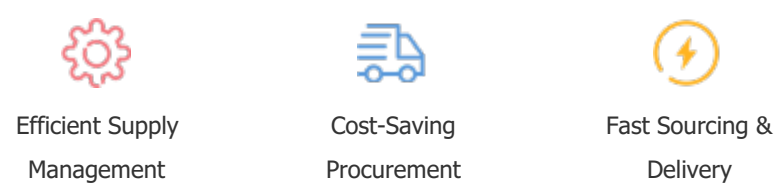
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

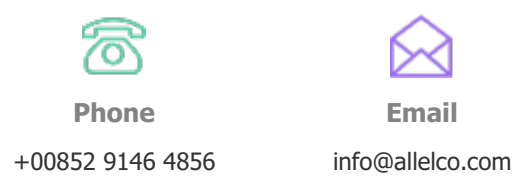
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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