

Image may be representation.
See specifications for product details.



SI2307CDS-T1-BE3

Manufacturer Part Number	SI2307CDS-T1-BE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SI2307CDS-T1-BE3
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 30V 2.7A/3.5A SOT23
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	SI2307CDS-T1-BE3.pdf

Get a Quote

SI2307CDS-T1-BE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SI2307CDS-T1-BE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SI2307CDS-T1-BE3, please send us email: info@allelco.com

Specifications

SI2307CDS-T1-BE3 Tech Specifications
SI2307CDS-T1-BE3 - 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	340 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	6.2 nC @ 4.5 V
Supplier Device Package	SOT-23-3 (TO-236)	FET Type	P-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	88mOhm @ 3.5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	1.1W (Ta), 1.8W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-236-3, SC-59, SOT-23-3	Current - Continuous Drain (Id) @ 25°C	2.7A (Ta), 3.5A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SI2307

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SI2307CDS-T1-BE3

Product Attribute				
Part Number	SI2307CDS-T1-BE3	SI2307CDS-T1-GE3	SI2307BDS-T1-E3	SI2307BDS-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Gate Charge (Qg) (Max) @ Vgs	6.2 nC @ 4.5 V	6.2 nC @ 4.5 V	15 nC @ 10 V	15 nC @ 10 V
Vgs(th) (Max) @ Id	3V @ 250µA	3V @ 250µA	3V @ 250µA	3V @ 250µA
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Input Capacitance (Ciss) (Max) @ Vds	340 pF @ 15 V	340 pF @ 15 V	380 pF @ 15 V	380 pF @ 15 V
FET Type	P-Channel	P-Channel	P-Channel	P-Channel
Current - Continuous Drain (Id) @ 25°C	2.7A (Ta), 3.5A (Tc)	3.5A (Tc)	2.5A (Ta)	2.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	4.5V, 10V	10V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Rds On (Max) @ Id, Vgs	88mOhm @ 3.5A, 10V	88mOhm @ 3.5A, 10V	78mOhm @ 3.2A, 10V	78mOhm @ 3.2A, 10V
Power Dissipation (Max)	1.1W (Ta), 1.8W (Tc)	1.1W (Ta), 1.8W (Tc)	750mW (Ta)	750mW (Ta)
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Vgs (Max)	±20V	±20V	±20V	±20V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Base Product Number	SI2307	SI2307	SI2307	SI2307
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	30 V
FET Feature	-	-	-	-

SI2307CDS-T1-BE3 Datasheet PDF

Download SI2307CDS-T1-BE3 pdf datasheets and Vishay Siliconix documentation for SI2307CDS-T1-BE3 - Vishay Siliconix.

Environmental Information



















Material Compliance.pdf

PCN Assembly/Origin

Mult Devs Manufacturing Capacity Expansion 13/Mar/,pdf

Customers Also Interested in

Recommended Products

					
SI2307CDS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 3.5A SOT23-3	SI2307DS-E3 Electro-Films (EFI) / Vishay	SI2307CDS-T1-GE3 MOS Electro-Films (EFI) / Vishay	SI2307DS-T1-E3 N/A	SI2307BDS-T1-E3 Vishay Siliconix MOSFET P-CH 30V 2.5A SOT23-3	SI2307BDS-TI-E3
					
SI2307DL-T1-E3 Electro-Films (EFI) / Vishay	SI2307BDS Electro-Films (EFI) / Vishay	SI2307BDS-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 2.5A SOT23-3	SI2307DS-T1 Electro-Films (EFI) / Vishay	SI2307	SI2307BDS-T1-E3 MOS Electro-Films (EFI) / Vishay
					
SI2307/KF2307 KEFAN	SI2307CDS Electro-Films (EFI) / Vishay	SI2307DS SIPUSEMI	SI2307CDS-T1-E3 Vishay Siliconix MOSFET P-CH 30V 3.5A SOT23-3	SI2307DS-T1-GE3 Electro-Films (EFI) / Vishay	SI2307 A7SHB CJ

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

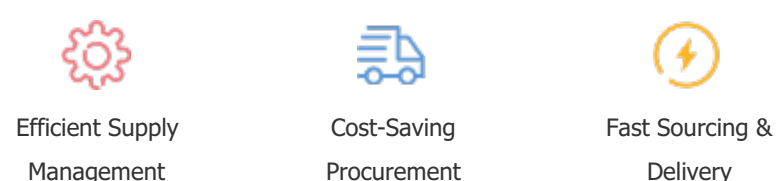
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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