



SIA910EDJ-T1-GE3

Manufacturer Part Number	SIA910EDJ-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIA910EDJ-T1-GE3
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET 2N-CH 12V 4.5A SC-70-6
Package	PowerPAK® SC-70-6 Dual
Data sheet	SIA910EDJ.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

SIA910EDJ-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIA910EDJ-T1-GE3 datasheet/specifications on AllelcoElec.com.
Request a quote for SIA910EDJ-T1-GE3, please send us email: info@allelco.com

Specifications

SIA910EDJ-T1-GE3 Tech Specifications
SIA910EDJ-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	1V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	455pF @ 6V
Supplier Device Package	PowerPAK® SC-70-6 Dual	Gate Charge (Qg) (Max) @ Vgs	16nC @ 8V
Series	TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	28mOhm @ 5.2A, 4.5V	Drain to Source Voltage (Vdss)	12V
Power - Max	7.8W	Current - Continuous Drain (Id) @ 25°C	4.5A
Package / Case	PowerPAK® SC-70-6 Dual	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SIA910

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIA910EDJ-T1-GE3

Product Attribute	NO PICTURE			
Part Number	SIA910EDJ-T1-GE3	SIA913ADJ-T1-GE3	SIA911ADJ-T1-GE3	SIA911EDJ-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Configuration	2 N-Channel (Dual)	2 P-Channel (Dual)	2 P-Channel (Dual)	2 P-Channel (Dual)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	455pF @ 6V	590pF @ 6V	345pF @ 10V	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Supplier Device Package	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual
Power - Max	7.8W	6.5W	6.5W	7.8W
Current - Continuous Drain (Id) @ 25°C	4.5A	4.5A	4.5A	4.5A
Rds On (Max) @ Id, Vgs	28mOhm @ 5.2A, 4.5V	61mOhm @ 3.6A, 4.5V	116mOhm @ 2.8A, 4.5V	101mOhm @ 2.7A, 4.5V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	12V	12V	20V	20V
Gate Charge (Qg) (Max) @ Vgs	16nC @ 8V	20nC @ 8V	13nC @ 8V	11nC @ 8V
FET Feature	Logic Level Gate	Logic Level Gate	-	Logic Level Gate
Series	TrenchFET®	TrenchFET®	TrenchFET®	TrenchFET®
Vgs(th) (Max) @ Id	1V @ 250µA	1V @ 250µA	1V @ 250µA	1V @ 250µA
Package / Case	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual	PowerPAK® SC-70-6 Dual
Base Product Number	SIA910	SIA913	SIA911	SIA911

SIA910EDJ-T1-GE3 Datasheet PDF

Download SIA910EDJ-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIA910EDJ-T1-GE3 - Vishay Siliconix.

Datasheets

[SIA910EDJ.pdf](#)

PCN Design/Specification



















[SIL-001-2015-Rev-0 21/Jan/2015.pdf](#)

PCN Assembly/Origin

[Wafer Site 12/Sep/2018.pdf](#)

Customers Also Interested in

Recommended Products

					
SIA907EDJT-T4-GE3 Electro-Films (EFI) / Vishay	SIA913ADJ-T1-GE3 Vishay Siliconix MOSFET 2P-CH 12V 4.5A SC70-6	SIA911ADJ-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 4.5A SC70-6	SIA911ADJ-T5-GE3 Electro-Films (EFI) / Vishay	SIA906EDJ-T1-GE3 MOS Electro-Films (EFI) / Vishay	SIA911DJ-T5-GE3 Electro-Films (EFI) / Vishay
					
SIA911EDJ-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 4.5A SC70-6	SIA811DJ-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 4.5A PPAK SC70-6	SIA911DJ-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 4.5A SC70-6	SIA910EDJ-T1-GE3 MOS Electro-Films (EFI) / Vishay	SIA906EDJ-T1-GE3 Vishay Siliconix MOSFET 2N-CH 20V 4.5A SC70-6	SIA911DJ-T1-E3 Vishay Siliconix MOSFET 2P-CH 20V 4.5A SC70-6
					
SIA817EDJ-T1-GE3 Vishay Siliconix MOSFET P-CH 30V 4.5A PPAK SC70-6	SIA912DJ-T1-GE3 Vishay Siliconix MOSFET 2N-CH 12V 4.5A SC70-6	SIA813DJ-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 4.5A PPAK SC70-6	SIA907EDJT-T1-GE3 Vishay Siliconix MOSFET 2P-CH 20V 4.5A SC-70-6L	SIA907EDJT Electro-Films (EFI) / Vishay	SIA814DJ-T1-GE3 Vishay Siliconix MOSFET N-CH 30V 4.5A PPAK SC70-6

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

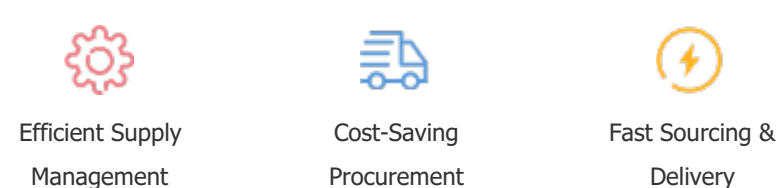
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

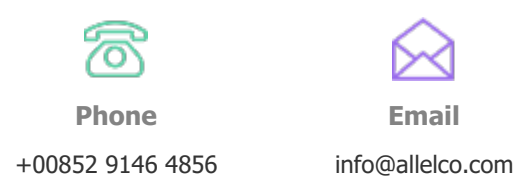
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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