





SQJ940EP-T1_GE3

Manufacturer Part Number	SQJ940EP-T1_GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SQJ940EP-T1_GE3
ECAD Model	 PCB Footprint and Symbol
Parts Description	MOSFET 2N-CH 40V 15A PPAK SO-8
Package	PowerPAK® SO-8 Dual
Data sheet	SQJ940EP-T1-GE3.pdf
RoHs Status	 ROHS3 Compliant



[Get a Quote](#)

SQJ940EP-T1_GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SQJ940EP-T1_GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SQJ940EP-T1_GE3, please send us email: info@allelco.com

Specifications





SQJ940EP-T1_GE3 Tech Specifications

SQJ940EP-T1_GE3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	2.5V @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	896pF @ 20V
Supplier Device Package	PowerPAK® SO-8 Dual Asymmetric	Gate Charge (Qg) (Max) @ Vgs	20nC @ 20V
Series	Automotive, AEC-Q101, TrenchFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	16mOhm @ 15A, 10V	Drain to Source Voltage (Vdss)	40V
Power - Max	48W, 43W	Current - Continuous Drain (Id) @ 25°C	15A (Ta), 18A (Tc)
Package / Case	PowerPAK® SO-8 Dual	Configuration	2 N-Channel (Dual)
Package	Tape & Reel (TR)	Base Product Number	SQJ940

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SQJ940EP-T1_GE3

Product Attribute	 NO PICTURE			
Part Number	SQJ940EP-T1_GE3	SQJ912AEP-T1_GE3	SQJ951EP-T1_BE3	SQJ952EP-T1_GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Power - Max	48W, 43W	48W	56W (Tc)	25W (Tc)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Input Capacitance (Ciss) (Max) @ Vds	896pF @ 20V	1835pF @ 20V	1680pF @ 10V	1800pF @ 30V
Current - Continuous Drain (Id) @ 25°C	15A (Ta), 18A (Tc)	30A	30A (Tc)	23A (Tc)
Supplier Device Package	PowerPAK® SO-8 Dual Asymmetric	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual
FET Feature	Logic Level Gate	-	-	-
Rds On (Max) @ Id, Vgs	16mOhm @ 15A, 10V	9.3mOhm @ 9.7A, 10V	17mOhm @ 7.5A, 10V	20mOhm @ 10.3A, 10V
Drain to Source Voltage (Vdss)	40V	40V	30V	60V
Package / Case	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual	PowerPAK® SO-8 Dual
Series	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®
Base Product Number	SQJ940	SQJ912	SQJ951	SQJ952
Gate Charge (Qg) (Max) @ Vgs	20nC @ 20V	38nC @ 10V	50nC @ 10V	30nC @ 10V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configuration	2 N-Channel (Dual)	2 N-Channel (Dual)	2 P-Channel (Dual)	2 N-Channel (Dual)
Vgs(th) (Max) @ Id	2.5V @ 250µA	2.5V @ 250µA	2.5V @ 250µA	2.5V @ 250µA
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)


SQJ940EP-T1_GE3 Datasheet PDF

Download SQJ940EP-T1_GE3 pdf datasheets and Vishay Siliconix documentation for SQJ940EP-T1_GE3 - Vishay Siliconix.


Datasheets

 [SQJ940EP-T1-GE3.pdf](#)

PCN Part Number



















 [New Ordering Code 19/Mar/2015.pdf](#)

PCN Assembly/Origin

 [SIL-006-2015-Rev-1 03/Mar/2015.pdf](#)

Customers Also Interested in

Recommended Products

					
SQJ951EP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ940EP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ912AEP-T1_GE3 Vishay Siliconix MOSFET 2N-CH 40V 30A PPAK SO-8	SQJ912EP-T1-GE3 VISAHY	SQJ910AEP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ964EP-T1-GE3 VISAHY
					
SQJ912AEP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ886EP-TI-HE3 Electro-Films (EFI) / Vishay	SQJ951EP-T1_BE3 Vishay Siliconix MOSFET 2P-CH 30V 30A PPAK	SQJ956EP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ952EP-T1_GE3 Vishay Siliconix MOSFET 2 N-CH 60V POWERPAK SO8	SQJ962EP-T1-GE3 Vishay Siliconix MOSFET 2N-CH 60V 8A 8SO
					
SQJ912AEP-T1_BE3 Electro-Films (EFI) / Vishay	SQJ912DEP-T1_GE3 Vishay Siliconix AUTOMOTIVE DUAL N-CHANNEL 40V (SQJ912BEP-T1-GE3 Electro-Films (EFI) / Vishay	SQJ910AEP-T1_GE3 Vishay Siliconix MOSFET 2 N-CH 30V POWERPAK SO8	SQJ951EP-T1_GE3 Vishay Siliconix MOSFET 2P-CH 30V 30A PPAK	SQJ963EP-T1-GE3 Electro-Films (EFI) / Vishay

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.

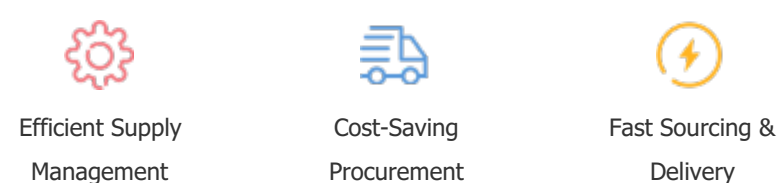
Payment Support

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

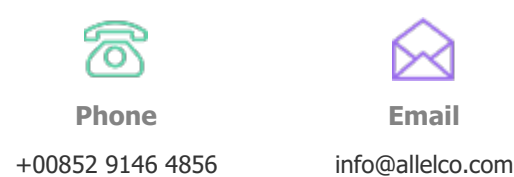
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)