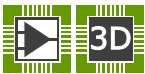





SQA470EJ-T1_GE3

Manufacturer Part Number	SQA470EJ-T1_GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SQA470EJ-T1_GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 30V 2.25A PPAK SC70
Package	PowerPAK® SC-70-6
Data sheet	SQA470EJ.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SQA470EJ-T1_GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SQA470EJ-T1_GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SQA470EJ-T1_GE3, please send us email: info@allelco.com

Specifications





SQA470EJ-T1_GE3 Tech Specifications

SQA470EJ-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	1.1V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±12V	Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 20 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	6 nC @ 4.5 V
Supplier Device Package	PowerPAK® SC-70-6 Single	FET Type	N-Channel
Series	Automotive, AEC-Q101, TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	65mOhm @ 3A, 4.5V	Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Power Dissipation (Max)	13.6W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	PowerPAK® SC-70-6	Current - Continuous Drain (Id) @ 25°C	2.25A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SQA470

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SQA470EJ-T1_GE3

Product Attribute	 NO PICTURE			
Part Number	SQA470EJ-T1_GE3	ZXM62P03E6TA	SQA405EJ-T1_GE3	SQA401EEJ-T1_GE3
Manufacturer	Vishay Siliconix	Diodes Incorporated	Vishay Siliconix	Vishay Siliconix
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package / Case	PowerPAK® SC-70-6	SOT-23-6	PowerPAK® SC-70-6	PowerPAK® SC-70-6
Drain to Source Voltage (Vdss)	30 V	30 V	40 V	20 V
FET Type	N-Channel	P-Channel	P-Channel	P-Channel
Input Capacitance (Ciss) (Max) @ Vds	440 pF @ 20 V	330 pF @ 25 V	1815 pF @ 25 V	375 pF @ 10 V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Current - Continuous Drain (Id) @ 25°C	2.25A (Tc)	1.5A (Ta)	10A (Tc)	2.68A (Tc)
Gate Charge (Qg) (Max) @ Vgs	6 nC @ 4.5 V	10.2 nC @ 10 V	33 nC @ 10 V	5.3 nC @ 4.5 V
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V	4.5V, 10V	4.5V, 10V	2.5V, 4.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Dissipation (Max)	13.6W (Tc)	625mW (Ta)	13.6W (Tc)	13.6W (Tc)
Base Product Number	SQA470	ZXM62P03	SQA405	SQA401
Supplier Device Package	PowerPAK® SC-70-6 Single	SOT-26	PowerPAK® SC-70-6	PowerPAK® SC-70-6
Rds On (Max) @ Id, Vgs	65mOhm @ 3A, 4.5V	150mOhm @ 1.6A, 10V	35mOhm @ 5A, 10V	113mOhm @ 2A, 4.5V
Series	Automotive, AEC-Q101, TrenchFET®	-	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	1.1V @ 250µA	1V @ 250µA	2.5V @ 250µA	1.5V @ 250µA
Vgs (Max)	±12V	±20V	±20V	±8V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

SQA470EJ-T1_GE3 Datasheet PDF












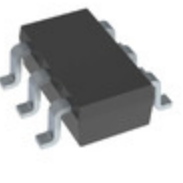






Download SQA470EJ-T1_GE3 pdf datasheets and Vishay Siliconix documentation for SQA470EJ-T1_GE3 - Vishay Siliconix.

Datasheets


SQA470EJ.pdf

Customers Also Interested in

Recommended Products

					
ZXM62P03E6TA Diodes Incorporated MOSFET P-CH 30V 1.5A SOT26	SQA405EJ-T1_GE3 Vishay Siliconix MOSFET P-CH 40V 10A PPAK SC70-6	SQA401EEJ-T1_GE3 Vishay Siliconix MOSFET P-CH 20V 2.68A PPAK SC70	HUFA76419P3 onsemi MOSFET N-CH 60V 29A TO220-3	SQA410EJ-T1-GE3 Electro-Films (EFI) / Vishay	SQA401EJ-T1_GE3 Vishay Siliconix MOSFET P-CH 20V 3.75A PPAK SC70
					
RDD023N50TL Rohm Semiconductor MOSFET N-CH 500V 2A CPT3	SQA470CEJW-T1_GE3 Vishay Siliconix AUTOMOTIVE N-CHANNEL 30 V (D-S)	IPT012N06NATMA1 Infineon Technologies MOSFET N-CH 60V 240A 8HSOF	SI1427EDH-T1-GE3 Vishay Siliconix MOSFET P-CH 20V 2A SC70-6	APT20M20JFLL Microchip Technology MOSFET N-CH 200V 104A ISOTOP	SI3812DV-T1-GE3 Vishay Siliconix MOSFET N-CH 20V 2A 6TSOP
					
IRF8010STRLPBF Infineon Technologies MOSFET N-CH 100V 80A D2PAK	NP22N055SLE-E1-AY Renesas Electronics America Inc MOSFET N-CH 55V 22A TO252	RTQ045N03TR Rohm Semiconductor MOSFET N-CH 30V 4.5A TSMT6	FDMC7680 onsemi MOSFET N-CH 30V 14.8A 8MLP	RRQ045P03TR Rohm Semiconductor MOSFET P-CH 30V 4.5A TSMT6	SSF2314 Good-Ark Semiconductor MOSFET, N-CH, SINGLE, 4.5A, 20V,

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:
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