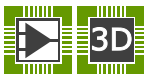



SQA405EJ-T1_GE3

Manufacturer Part Number	SQA405EJ-T1_GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SQA405EJ-T1_GE3
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET P-CH 40V 10A PPAK SC70-6
Package	PowerPAK® SC-70-6
Data sheet	SQA405EJ.pdf
RoHs Status	 ROHS3 Compliant


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SQA405EJ-T1_GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SQA405EJ-T1_GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SQA405EJ-T1_GE3, please send us email: info@allelco.com

Specifications





SQA405EJ-T1_GE3 Tech Specifications

SQA405EJ-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
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1815 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	33 nC @ 10 V
Supplier Device Package	PowerPAK® SC-70-6	FET Type	P-Channel
Series	Automotive, AEC-Q101, TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	35mOhm @ 5A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	13.6W (Tc)	Drain to Source Voltage (Vdss)	40 V
Package / Case	PowerPAK® SC-70-6	Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SQA405

Parts with Similar Specifications

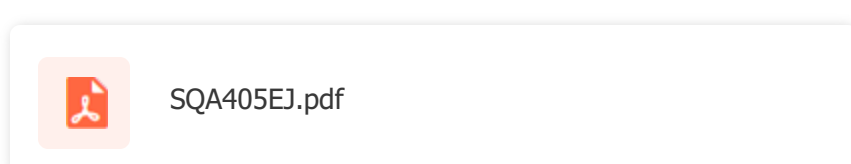
The three parts on the right have similar specifications to Vishay Siliconix SQA405EJ-T1_GE3

Product Attribute	 NO PICTURE			
Part Number	SQA405EJ-T1_GE3	SQA401EEJ-T1_GE3	HUFA75307D3S	IRF9317TRPBF
Manufacturer	Vishay Siliconix	Vishay Siliconix	Fairchild Semiconductor	Infineon Technologies
Rds On (Max) @ Id, Vgs	35mOhm @ 5A, 10V	113mOhm @ 2A, 4.5V	90mOhm @ 15A, 10V	6.6mOhm @ 16A, 10V
Input Capacitance (Ciss) (Max) @ Vds	1815 pF @ 25 V	375 pF @ 10 V	250 pF @ 25 V	2820 pF @ 15 V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 150°C (TJ)
Supplier Device Package	PowerPAK® SC-70-6	PowerPAK® SC-70-6	TO-252, (D-Pak)	8-SO
FET Type	P-Channel	P-Channel	N-Channel	P-Channel
Current - Continuous Drain (Id) @ 25°C	10A (Tc)	2.68A (Tc)	15A (Tc)	16A (Ta)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Package / Case	PowerPAK® SC-70-6	PowerPAK® SC-70-6	TO-252-3, DPak (2 Leads + Tab), SC-63	8-SOIC (0.154", 3.90mm Width)
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	33 nC @ 10 V	5.3 nC @ 4.5 V	20 nC @ 20 V	92 nC @ 10 V
Vgs (Max)	±20V	±8V	±20V	±20V
Series	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®	UltraFET™	HEXFET®
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	SQA405	SQA401	-	IRF9317
Drain to Source Voltage (Vdss)	40 V	20 V	55 V	30 V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	2.5V, 4.5V	10V	4.5V, 10V
Power Dissipation (Max)	13.6W (Tc)	13.6W (Tc)	45W (Tc)	2.5W (Ta)
Vgs(th) (Max) @ Id	2.5V @ 250µA	1.5V @ 250µA	4V @ 250µA	2.4V @ 50µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

SQA405EJ-T1_GE3 Datasheet PDF

Download SQA405EJ-T1_GE3 pdf datasheets and Vishay Siliconix documentation for SQA405EJ-T1_GE3 - Vishay Siliconix.

Datasheets



Customers Also Interested in

Recommended Products



SQA401EEJ-T1_GE3

Vishay Siliconix
MOSFET P-CH 20V 2.68A PPAK SC70

HUFA75307D3S

Fairchild Semiconductor
MOSFET N-CH 55V 15A TO252AA

IRF9317TRPBF

Infineon Technologies
MOSFET P-CH 30V 16A 8SO

SQA470EJ-T1_GE3

Vishay Siliconix
MOSFET N-CH 30V 2.25A PPAK SC70

BSS315PH6327XTSA1

Infineon Technologies
MOSFET P-CH 30V 1.5A SOT23-3

IRF6898MTRPBF

International Rectifier
MOSFET N-CH 25V 40A/214A DIRECT



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MOSFET P-CH 60V 11.4A TO220-3

SQA401EJ-T1_GE3

Vishay Siliconix
MOSFET P-CH 20V 3.75A PPAK SC70

HUF75307D3

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FDS3672

Fairchild Semiconductor
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FDU6N25

Fairchild Semiconductor
POWER FIELD-EFFECT TRANSISTOR,
4

2N7002KQ-13

Diodes Incorporated
2N7002 FAMILY SOT23 T&R 10K



SQA470CEJW-T1_GE3

Vishay Siliconix
AUTOMOTIVE N-CHANNEL 30 V (D-
S)

FDS7088N7

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MOSFET N-CH 30V 23A 8SO

SQA410EJ-T1-GE3

Electro-Films (EFI) / Vishay

NVD5117PLT4G-VF01

onsemi
MOSFET P-CH 60V 11A/61A DPAK

STB200NF04-1

STMicroelectronics
MOSFET N-CH 40V 120A I2PAK

SIR838DP-T1-GE3

Vishay Siliconix
MOSFET N-CH 150V 35A PPAK SO-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 Alleco 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.



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