



## **SQJA06EP-T1\_GE3 Information**



For Reference Only

Part Number SQJA06EP-T1\_GE3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 60V 57A SO-8

Package PowerPAK? SO-8

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **SQJA06EP-T1\_GE3 Specifications**

Manufacturer Part Number	SQJA06EP-T1_GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	PowerPAK? SO-8
Series	Automotive, AEC-Q101, TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	57A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	45nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2800pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	55W (Tc)
Rds On (Max) @ Id, Vgs	8.7 mOhm @ 10A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerPAK? SO-8
Package / Case	PowerPAK? SO-8
	Report errors?

## **SQJA06EP-T1\_GE3 Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### SQJA06EP-T1\_GE3 Payment Methods









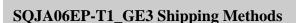
























If you have any question about SQJA06EP-T1\_GE3, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com