



SQP90142E_GE3 Information

Heisener.com

Part Number SQP90142E_GE3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 200V 78.5A TO220AB

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

For Reference Only

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





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.









SQP90142E_GE3 Specifications

Manufacturer Part Number	SQP90142E_GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	Automotive, AEC-Q101, TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	200V
Current - Continuous Drain (Id) @ 25°C	78.5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	3.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	85nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4200pF @ 25V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	250W (Tc)
Rds On (Max) @ Id, Vgs	15.3 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3
	Report errors?

SQP90142E_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.

SQP90142E_GE3 Payment Methods









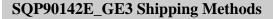
























If you have any question about SQP90142E_GE3, please do not hesitate to contact us!

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