



## SUD50P10-43L-GE3 Information



For Reference Only

Part Number SUD50P10-43L-GE3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET P-CH 100V 37.1A TO252 **Package** TO-252-3, DPak (2 Leads + Tab), SC-63

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.









## SUD50P10-43L-GE3 Specifications

Manufacturer Part Number	SUD50P10-43L-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	TrenchFET?
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	37.1A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	160nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4600pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	8.3W (Ta), 136W (Tc)
Rds On (Max) @ Id, Vgs	43 mOhm @ 9.2A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

#### SUD50P10-43L-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.

### SUD50P10-43L-GE3 Payment Methods









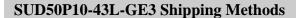
























If you have any question about SUD50P10-43L-GE3, please do not hesitate to contact us!

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