SIHF12N50C-E3

SIHF12N50C-E3 Information

For Reference Only

Part Number SIHF12N50C-E3
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 500V 12A TO-220
Package TO-220-3 Full Pack

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.

SIHF12N50C-E3 Specifications

Manufacturer Part Number	SIHF12N50C-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3 Full Pack
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	500V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	48nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1375pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	36W (Tc)
Rds On (Max) @ Id, Vgs	555 mOhm @ 4A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220 Full Pack
Package / Case	TO-220-3 Full Pack
	Report errors?

SIHF12N50C-E3 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.

SIHF12N50C-E3 Payment Methods

SIHF12N50C-E3 Shipping Methods

If you have any question about SIHF12N50C-E3, please do not hesitate to contact us!
Website: https://www.heisener.com
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