

SUP85N02-03-E3 Information


For Reference Only

Part Number [SUP85N02-03-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 85A TO220AB
Package TO-220-3
 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.


SUP85N02-03-E3 Specifications

Manufacturer Part Number	SUP85N02-03-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	85A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	450mV @ 2mA (Min)
Gate Charge (Qg) (Max) @ Vgs	200nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	21250pF @ 20V
Vgs (Max)	±8V
FET Feature	-
Power Dissipation (Max)	250W (Tc)
Rds On (Max) @ Id, Vgs	3 mOhm @ 30A, 4.5V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220AB
Package / Case	TO-220-3

[Report errors?](#)

SUP85N02-03-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.

SUP85N02-03-E3 Payment Methods



SUP85N02-03-E3 Shipping Methods



If you have any question about SUP85N02-03-E3, please do not hesitate to contact us!

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