

SIE822DF-T1-E3 Information


For Reference Only

Part Number [SIE822DF-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 50A 10-POLARPAK
Package 10-PolarPAK? (S)
 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.


SIE822DF-T1-E3 Specifications

Manufacturer Part Number	SIE822DF-T1-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	10-PolarPAK? (S)
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	78nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4200pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	5.2W (Ta), 104W (Tc)
Rds On (Max) @ Id, Vgs	3.4 mOhm @ 18.3A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	10-PolarPAK? (S)
Package / Case	10-PolarPAK? (S)

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SIE822DF-T1-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.

SIE822DF-T1-E3 Payment Methods



SIE822DF-T1-E3 Shipping Methods



If you have any question about SIE822DF-T1-E3, please do not hesitate to contact us!

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