

SI5858DU-T1-E3 Information


For Reference Only

Part Number [SI5858DU-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 6A PPAK CHIPFET
Package PowerPAK? ChipFET? Dual
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



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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.


SI5858DU-T1-E3 Specifications

Manufacturer Part Number	SI5858DU-T1-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	PowerPAK? ChipFET? Dual
Series	LITTLE FOOT?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	6A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	16nC @ 8V
Input Capacitance (Ciss) (Max) @ Vds	520pF @ 10V
Vgs (Max)	±8V
FET Feature	Schottky Diode (Isolated)
Power Dissipation (Max)	2.3W (Ta), 8.3W (Tc)
Rds On (Max) @ Id, Vgs	39 mOhm @ 4.4A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerPAK? ChipFet Dual
Package / Case	PowerPAK? ChipFET? Dual

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SI5858DU-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.

SI5858DU-T1-E3 Payment Methods



SI5858DU-T1-E3 Shipping Methods



If you have any question about SI5858DU-T1-E3, please do not hesitate to contact us!

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