

SI3442BDV-T1-E3 Information


For Reference Only

Part Number [SI3442BDV-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 3A 6-TSOP
Package SOT-23-6 Thin, TSOT-23-6
 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.


SI3442BDV-T1-E3 Specifications

Manufacturer Part Number	SI3442BDV-T1-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	3A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1.8V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	5nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	295pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	860mW (Ta)
Rds On (Max) @ Id, Vgs	57 mOhm @ 4A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-TSOP
Package / Case	SOT-23-6 Thin, TSOT-23-6

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SI3442BDV-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.

SI3442BDV-T1-E3 Payment Methods



SI3442BDV-T1-E3 Shipping Methods



If you have any question about SI3442BDV-T1-E3, please do not hesitate to contact us!

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