

SI4842BDY-T1-E3 Information


For Reference Only

Part Number [SI4842BDY-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 28A 8-SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 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.


SI4842BDY-T1-E3 Specifications

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|--|---|
| Manufacturer Part Number | SI4842BDY-T1-E3 |
| Manufacturer | Vishay Siliconix |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | 8-SOIC (0.154", 3.90mm Width) |
| Series | TrenchFET? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 28A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 3V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 100nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 3650pF @ 15V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 3W (Ta), 6.25W (Tc) |
| Rds On (Max) @ Id, Vgs | 4.2 mOhm @ 20A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-SO |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) |

[Report errors?](#)

SI4842BDY-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.

SI4842BDY-T1-E3 Payment Methods



SI4842BDY-T1-E3 Shipping Methods



If you have any question about SI4842BDY-T1-E3, please do not hesitate to contact us!

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