

SI4501BDY-T1-GE3 Information


For Reference Only

Part Number [SI4501BDY-T1-GE3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P-CH 30V/8V 8SOIC
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


[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.


SI4501BDY-T1-GE3 Specifications

Manufacturer Part Number	SI4501BDY-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	8-SOIC (0.154", 3.90mm Width)
Series	TrenchFET?
FET Type	N and P-Channel, Common Drain
FET Feature	Logic Level Gate
Drain to Source Voltage (V _{dss})	30V, 8V
Current - Continuous Drain (I _d) @ 25°C	12A, 8A
R _{ds} On (Max) @ I _d , V _{gs}	17 mOhm @ 10A, 10V
V _{gs} (th) (Max) @ I _d	2V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	25nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	805pF @ 15V
Power - Max	4.5W, 3.1W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC

[Report errors?](#)

SI4501BDY-T1-GE3 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.

SI4501BDY-T1-GE3 Payment Methods



SI4501BDY-T1-GE3 Shipping Methods



If you have any question about SI4501BDY-T1-GE3, please do not hesitate to contact us!

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