

SI4590DY-T1-GE3 Information


For Reference Only

Part Number [SI4590DY-T1-GE3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P CHAN 100V SO8 DUAL
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.


SI4590DY-T1-GE3 Specifications

Manufacturer Part Number	SI4590DY-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
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	3.4A, 2.8A
Rds On (Max) @ Id, Vgs	57 mOhm @ 2A, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	11.5nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	360pF @ 50V
Power - Max	2.4W, 3.4W
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO

[Report errors?](#)

SI4590DY-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.

SI4590DY-T1-GE3 Payment Methods



SI4590DY-T1-GE3 Shipping Methods



If you have any question about SI4590DY-T1-GE3, please do not hesitate to contact us!

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