

**SI4599DY-T1-GE3 Information**


For Reference Only

**Part Number** [SI4599DY-T1-GE3](#)  
**Manufacturer** Vishay Siliconix  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET N/P-CH 40V 6.8A 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](mailto: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.


**SI4599DY-T1-GE3 Specifications**

Manufacturer Part Number	<a href="#">SI4599DY-T1-GE3</a>
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	TrenchFET?
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (V <sub>dss</sub> )	40V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	6.8A, 5.8A
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	35.5 mOhm @ 5A, 10V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	3V @ 250μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	20nC @ 10V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	640pF @ 20V
Power - Max	3W, 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-SO

[Report errors?](#)

## SI4599DY-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.

## SI4599DY-T1-GE3 Payment Methods



## SI4599DY-T1-GE3 Shipping Methods



If you have any question about SI4599DY-T1-GE3, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)