

SI3590DV-T1-E3 Information


For Reference Only

Part Number [SI3590DV-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P-CH 30V 2.5A 6TSOP
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


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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.


SI3590DV-T1-E3 Specifications

Manufacturer Part Number	SI3590DV-T1-E3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	SOT-23-6 Thin, TSOT-23-6
Series	TrenchFET?
FET Type	N and P-Channel
FET Feature	Logic Level Gate
Drain to Source Voltage (V _{ds})	30V
Current - Continuous Drain (I _d) @ 25°C	2.5A, 1.7A
R _{ds} On (Max) @ I _d , V _{gs}	77 mOhm @ 3A, 4.5V
V _{gs} (th) (Max) @ I _d	1.5V @ 250µA
Gate Charge (Q _g) (Max) @ V _{gs}	4.5nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	-
Power - Max	830mW
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	SOT-23-6 Thin, TSOT-23-6
Supplier Device Package	6-TSOP

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SI3590DV-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.

SI3590DV-T1-E3 Payment Methods



SI3590DV-T1-E3 Shipping Methods



If you have any question about SI3590DV-T1-E3, please do not hesitate to contact us!

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