



### SI3456BDV-T1-GE3 Information



For Reference Only

Part Number SI3456BDV-T1-GE3
Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 4.5A 6-TSOP

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



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.









### SI3456BDV-T1-GE3 Specifications

Manufacturer Part Number	SI3456BDV-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SOT-23-6 Thin, TSOT-23-6
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	4.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	13nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	-
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.1W (Ta)
Rds On (Max) @ Id, Vgs	35 mOhm @ 6A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-TSOP
Package / Case	SOT-23-6 Thin, TSOT-23-6
	Report errors?

#### SI3456BDV-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.

### SI3456BDV-T1-GE3 Payment Methods



















## SI3456BDV-T1-GE3 Shipping Methods













If you have any question about SI3456BDV-T1-GE3, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com