



### SI3456CDV-T1-E3 Information



For Reference Only

Part Number SI3456CDV-T1-E3 Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 7.7A 6TSOP

**Package** SOT-23-6 Thin, TSOT-23-6 For the pricing/inventory/lead time, please contact

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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.









## SI3456CDV-T1-E3 Specifications

Manufacturer Part Number	SI3456CDV-T1-E3
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	7.7A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	12nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	460pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2W (Ta), 3.3W (Tc)
Rds On (Max) @ Id, Vgs	34 mOhm @ 6.1A, 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?

#### SI3456CDV-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.

# SI3456CDV-T1-E3 Payment Methods









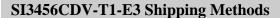
























If you have any question about SI3456CDV-T1-E3, please do not hesitate to contact us!

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