SI4178DY-T1-GE3

SI4178DY-T1-GE3 Information

For Reference Only

Part Number SI4178DY-T1-GE3
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 12A 8-SOIC
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.

SI4178DY-T1-GE3 Specifications

Manufacturer Part Number	SI4178DY-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-SOIC (0.154", 3.90mm Width)
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.8V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	12nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	405pF @ 15V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	2.4W (Ta), 5W (Tc)
Rds On (Max) @ Id, Vgs	21 mOhm @ 8.4A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)
	Report errors?

SI4178DY-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.

SI4178DY-T1-GE3 Payment Methods

SI4178DY-T1-GE3 Shipping Methods

If you have any question about SI4178DY-T1-GE3, please do not hesitate to contact us!
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