

# SIS612EDNT-T1-GE3

#### SIS612EDNT-T1-GE3 Information

Heisener.com	 SIS612EDNT-T1-GE3 Vishay Siliconix Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single MOSFET N-CH 20V 50A SMT PowerPAK? 1212-8 For the pricing/inventory/lead time, please contact	
For Reference Only	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.



### SIS612EDNT-T1-GE3 Specifications

Manufacturer Part Number	SIS612EDNT-T1-GE3
Manufacturer	Vishay Siliconix
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	PowerPAK? 1212-8
Series	TrenchFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	50A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1.2V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	70nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2060pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	3.7W (Ta), 52W (Tc)
Rds On (Max) @ Id, Vgs	3.9 mOhm @ 14A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerPAK? 1212-8
Package / Case	PowerPAK? 1212-8
	Report errors?

#### SIS612EDNT-T1-GE3 Guarantees



**Quality Guarantees** 

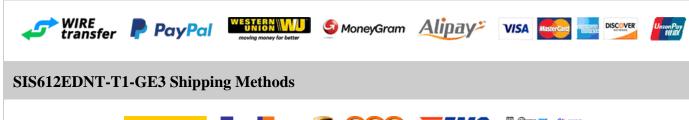
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### SIS612EDNT-T1-GE3 Payment Methods





If you have any question about SIS612EDNT-T1-GE3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com