

SI7102DN-T1-E3 Information


For Reference Only

Part Number [SI7102DN-T1-E3](#)
Manufacturer Vishay Siliconix
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 12V 35A PPAK 1212-8
Package PowerPAK? 1212-8
 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.


SI7102DN-T1-E3 Specifications

Manufacturer Part Number	SI7102DN-T1-E3
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)	12V
Current - Continuous Drain (Id) @ 25°C	35A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	110nC @ 8V
Input Capacitance (Ciss) (Max) @ Vds	3720pF @ 6V
Vgs (Max)	±8V
FET Feature	-
Power Dissipation (Max)	3.8W (Ta), 52W (Tc)
Rds On (Max) @ Id, Vgs	3.8 mOhm @ 15A, 4.5V
Operating Temperature	-50°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	PowerPAK? 1212-8
Package / Case	PowerPAK? 1212-8

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SI7102DN-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.

SI7102DN-T1-E3 Payment Methods



SI7102DN-T1-E3 Shipping Methods



If you have any question about SI7102DN-T1-E3, please do not hesitate to contact us!

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