

GA100JT12-227 Information


For Reference Only

Part Number [GA100JT12-227](#)
Manufacturer GeneSiC Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description TRANS SJT 1200V 160A SOT227
Package SOT-227-4, miniBLOC
 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.


GA100JT12-227 Specifications

Manufacturer Part Number	GA100JT12-227
Manufacturer	GeneSiC Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SOT-227-4, miniBLOC
Series	-
FET Type	-
Technology	SiC (Silicon Carbide Junction Transistor)
Drain to Source Voltage (V _{dss})	1200V
Current - Continuous Drain (I _d) @ 25°C	160A
Drive Voltage (Max R _{ds On} , Min R _{ds On})	-
V _{gs(th)} (Max) @ I _d	-
Gate Charge (Q _g) (Max) @ V _{gs}	-
Input Capacitance (C _{iss}) (Max) @ V _{ds}	14400pF @ 800V
V _{gs} (Max)	-
FET Feature	-
Power Dissipation (Max)	535W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	10 mOhm @ 100A
Operating Temperature	-55°C ~ 175°C (T _J)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227
Package / Case	SOT-227-4, miniBLOC

[Report errors?](#)

GA100JT12-227 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.

GA100JT12-227 Payment Methods



GA100JT12-227 Shipping Methods



If you have any question about GA100JT12-227, please do not hesitate to contact us!

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