

**GA100JT17-227 Information**


For Reference Only

**Part Number** [GA100JT17-227](#)  
**Manufacturer** GeneSiC Semiconductor  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** TRANS SJT 1700V 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](mailto: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.


**GA100JT17-227 Specifications**

Manufacturer Part Number	<a href="#">GA100JT17-227</a>
Manufacturer	GeneSiC Semiconductor
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	SOT-227-4, miniBLOC
Series	-
FET Type	-
Technology	SiC (Silicon Carbide Junction Transistor)
Drain to Source Voltage (Vdss)	1700V
Current - Continuous Drain (Id) @ 25°C	160A
Drive Voltage (Max Rds On, Min Rds On)	-
Vgs(th) (Max) @ Id	-
Gate Charge (Qg) (Max) @ Vgs	-
Input Capacitance (Ciss) (Max) @ Vds	14400pF @ 800V
Vgs (Max)	-
FET Feature	-
Power Dissipation (Max)	535W (Tc)
Rds On (Max) @ Id, Vgs	10 mOhm @ 100A
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Chassis Mount
Supplier Device Package	SOT-227
Package / Case	SOT-227-4, miniBLOC

[Report errors?](#)

## GA100JT17-227 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.

## GA100JT17-227 Payment Methods



## GA100JT17-227 Shipping Methods



If you have any question about GA100JT17-227, please do not hesitate to contact us!

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