

**EPC2107 Information**


For Reference Only

**Part Number** [EPC2107](#)  
**Manufacturer** EPC  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET 3N-CH 100V 9BGA  
**Package** 9-VFBGA  
 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.


**EPC2107 Specifications**

Manufacturer Part Number	<a href="#">EPC2107</a>
Manufacturer	EPC
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Arrays</a>
Package	9-VFBGA
Series	eGaN?
FET Type	3 N-Channel (Half Bridge + Synchronous Bootstrap)
FET Feature	GaN FET (Gallium Nitride)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	1.7A, 500mA
Rds On (Max) @ Id, Vgs	320 mOhm @ 2A, 5V, 3.3 Ohm @ 2A, 5V
Vgs(th) (Max) @ Id	2.5V @ 100µA, 2.5V @ 20µA
Gate Charge (Qg) (Max) @ Vgs	0.16nC @ 5V, 0.044nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	16pF @ 50V, 7pF @ 50V
Power - Max	-
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	9-VFBGA
Supplier Device Package	9-BGA (1.35x1.35)

[Report errors?](#)

## EPC2107 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.

## EPC2107 Payment Methods



## EPC2107 Shipping Methods



If you have any question about EPC2107, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)