

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


[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	EPC2107
Manufacturer	EPC
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
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)

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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!

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