

**EPC2108ENGRT Information**


For Reference Only

**Part Number** [EPC2108ENGRT](#)  
**Manufacturer** EPC  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** TRANS GAN 3N-CH BUMPED DIE  
**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.


**EPC2108ENGRT Specifications**

Manufacturer Part Number	<a href="#">EPC2108ENGRT</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 (V <sub>dss</sub> )	60V, 100V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	1.7A, 500mA
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	190 mOhm @ 2.5A, 5V, 3.3 Ohm @ 2.5A, 5V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	2.5V @ 100μA, 2.5V @ 20μA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	0.22nC @ 5V, 0.044nC @ 5V
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	22pF @ 30V, 7pF @ 30V
Power - Max	-
Operating Temperature	-40°C ~ 150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Package / Case	9-VFBGA
Supplier Device Package	9-BGA (1.35x1.35)

[Report errors?](#)

## EPC2108ENGRT 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.

## EPC2108ENGRT Payment Methods



## EPC2108ENGRT Shipping Methods



If you have any question about EPC2108ENGRT, please do not hesitate to contact us!

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

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