

EPC2105ENG Information


For Reference Only

Part Number [EPC2105ENG](#)
Manufacturer EPC
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description TRANS GAN 2N-CH 80V BUMPED DIE
Package Die
 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.


EPC2105ENG Specifications

Manufacturer Part Number	EPC2105ENG
Manufacturer	EPC
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays
Package	Die
Series	eGaN?
FET Type	2 N-Channel (Half Bridge)
FET Feature	GaN FET (Gallium Nitride)
Drain to Source Voltage (V _{dss})	80V
Current - Continuous Drain (I _d) @ 25°C	9.5A, 38A
R _{ds} On (Max) @ I _d , V _{gs}	14.5 mOhm @ 20A, 5V
V _{gs(th)} (Max) @ I _d	2.5V @ 2.5mA
Gate Charge (Q _g) (Max) @ V _{gs}	2.5nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	300pF @ 40V
Power - Max	-
Operating Temperature	-40°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Package / Case	Die
Supplier Device Package	Die

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EPC2105ENG 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.

EPC2105ENG Payment Methods



EPC2105ENG Shipping Methods



If you have any question about EPC2105ENG, please do not hesitate to contact us!

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