

EPC8004 Information


For Reference Only

Part Number [EPC8004](#)
Manufacturer EPC
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description TRANS GAN 40V 2.7A 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.


EPC8004 Specifications

Manufacturer Part Number	EPC8004
Manufacturer	EPC
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	Die
Series	eGaN?
FET Type	N-Channel
Technology	GaN FET (Gallium Nitride)
Drain to Source Voltage (V _{ds})	40V
Current - Continuous Drain (I _d) @ 25°C	2.7A (Ta)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	5V
V _{gs} (th) (Max) @ I _d	2.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	0.45nC @ 5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	52pF @ 20V
V _{gs} (Max)	+6V, -4V
FET Feature	-
Power Dissipation (Max)	-
R _{ds} On (Max) @ I _d , V _{gs}	110 mOhm @ 500mA, 5V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	Die
Package / Case	Die

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EPC8004 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.

EPC8004 Payment Methods



EPC8004 Shipping Methods



If you have any question about EPC8004, please do not hesitate to contact us!

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