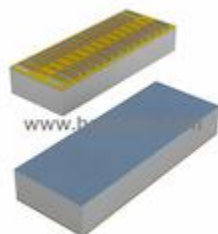


EPC2021 Information


For Reference Only

Part Number [EPC2021](#)
Manufacturer EPC
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description TRANS GAN 80V 90A 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.


EPC2021 Specifications

| | |
|--|---|
| Manufacturer Part Number | EPC2021 |
| 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 _{dss}) | 80V |
| Current - Continuous Drain (I _d) @ 25°C | 90A (Ta) |
| Drive Voltage (Max R _{ds} On, Min R _{ds} On) | 5V |
| V _{gs} (th) (Max) @ I _d | 2.5V @ 14mA |
| Gate Charge (Q _g) (Max) @ V _{gs} | 15nC @ 5V |
| Input Capacitance (C _{iss}) (Max) @ V _{ds} | 1650pF @ 40V |
| V _{gs} (Max) | +6V, -4V |
| FET Feature | - |
| Power Dissipation (Max) | - |
| R _{ds} On (Max) @ I _d , V _{gs} | 2.5 mOhm @ 29A, 5V |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | Die |
| Package / Case | Die |

[Report errors?](#)

EPC2021 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.

EPC2021 Payment Methods



EPC2021 Shipping Methods



If you have any question about EPC2021, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com