

**EPC2033ENGR Information**


For Reference Only

**Part Number** [EPC2033ENGR](#)  
**Manufacturer** EPC  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** TRANS GAN 150V 31A BUMPED DIE  
**Package** Die  
 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.


**EPC2033ENGR Specifications**

|  |   |
|--|---|
| Manufacturer Part Number   | <a href="#">EPC2033ENGR</a>   |
| Manufacturer   | EPC   |
| Category   | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Single</a> |
| Package  | Die   |
| Series   | eGaN?   |
| FET Type   | N-Channel   |
| Technology   | GaN FET (Gallium Nitride)   |
| Drain to Source Voltage (V <sub>dss</sub> )                      | 150V  |
| Current - Continuous Drain (I <sub>d</sub> ) @ 25°C              | 31A (T <sub>a</sub> )   |
| Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> ) | 5V  |
| V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>                       | 2.5V @ 9mA  |
| Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>            | 10nC @ 5V   |
| Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>    | 1140pF @ 75V  |
| V <sub>gs</sub> (Max)  | +6V, -4V  |
| FET Feature  | -   |
| Power Dissipation (Max)  | -   |
| R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>      | 7 mOhm @ 25A, 5V  |
| Operating Temperature  | -40°C ~ 150°C (T <sub>J</sub> )   |
| Mounting Type  | Surface Mount   |
| Supplier Device Package  | Die   |
| Package / Case   | Die   |

[Report errors?](#)

## EPC2033ENGR 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.

## EPC2033ENGR Payment Methods



## EPC2033ENGR Shipping Methods



If you have any question about EPC2033ENGR, please do not hesitate to contact us!

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