


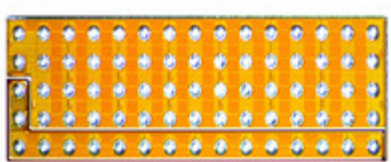


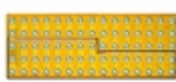
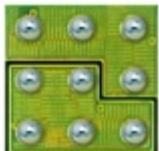
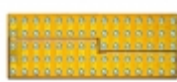





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|  | <h2 style="color: red;">EPC2105ENG</h2> |
| | <p>Manufacturer Part Number: EPC2105ENG</p> <hr/> <p>Manufacturer/Brand: EPC</p> <hr/> <p>Part of Description: TRANS GAN 2N-CH 80V BUMPED DIE</p> <hr/> <p>Datasheets:  EPC2105ENG.pdf</p> <hr/> <p>RoHs Status:  Lead free / RoHS</p> <hr/> <p>Stock Condition: Compliant New original, Stock Available.</p> <hr/> <p>Ship From: Hong Kong</p> <hr/> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
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| <p>Image may be representation. See specs for product details.</p> | |

Specifications

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| Part Number | EPC2105ENG |
| Manufacturer | EPC |
| Description | TRANS GAN 2N-CH 80V BUMPED DIE |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 2.5V @ 2.5mA |
| Supplier Device Package | Die |
| Series | eGaN® |
| Rds On (Max) @ Id, Vgs | 14.5 mOhm @ 20A, 5V |
| Power - Max | - |
| Packaging | Bulk |
| Package / Case | Die |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Input Capacitance (Ciss) (Max) @ Vds | 300pF @ 40V |
| Gate Charge (Qg) (Max) @ Vgs | 2.5nC @ 5V |
| FET Type | 2 N-Channel (Half Bridge) |
| FET Feature | GaNFET (Gallium Nitride) |
| Drain to Source Voltage (Vdss) | 80V |
| Current - Continuous Drain (Id) @ 25°C | 9.5A, 38A |

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