


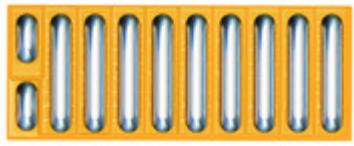



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|---|---|
|  | <p>EPC2001C</p> |
| | <p>Manufacturer Part Number: EPC2001C</p> <hr/> <p>Manufacturer/Brand: EPC</p> <hr/> <p>Part of Description: TRANS GAN 100V 36A BUMPED DIE</p> <hr/> <p>Datasheets:  EPC2001C.pdf</p> <hr/> <p>RoHs Status:  Lead free / 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> | |


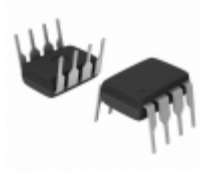





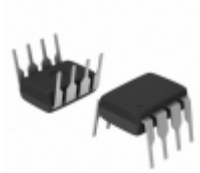
Specifications

| | |
|--|--|
| Part Number | EPC2001C |
| Manufacturer | EPC |
| Description | TRANS GAN 100V 36A BUMPED DIE |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 2.5V @ 5mA |
| Vgs (Max) | +6V, -4V |
| Technology | GaNFET (Gallium Nitride) |
| Supplier Device Package | Die Outline (11-Solder Bar) |
| Series | eGaN® |
| Rds On (Max) @ Id, Vgs | 7 mOhm @ 25A, 5V |
| Power Dissipation (Max) | - |
| Packaging | Tape & Reel (TR) |
| Package / Case | Die |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Input Capacitance (Ciss) (Max) @ Vds | 900pF @ 50V |
| Gate Charge (Qg) (Max) @ Vgs | 9nC @ 5V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 5V |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 36A (Ta) |

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