








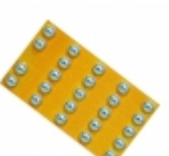



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|---|---|
|  | <p>EPC2030</p> |
| | <p>Manufacturer Part Number: EPC2030</p> <hr/> <p>Manufacturer/Brand: EPC</p> <hr/> <p>Part of Description: MOSFET NCH 40V 31A DIE</p> <hr/> <p>Datasheets:  EPC2030.pdf</p> <hr/> <p>RoHS Status:  Lead free / RoHS</p> <hr/> <p>Stock Condition: Compliant New original, 2555 pcs Stock Available.</p> <hr/> <p>Ship From: Hong Kong</p> <hr/> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p> | |

Specifications

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|--|---|
| Part Number | EPC2030 |
| Manufacturer | EPC |
| Description | MOSFET NCH 40V 31A DIE |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | 2555 pcs Stock |
| Vgs(th) (Max) @ Id | 2.5V @ 16mA |
| Technology | GaNFET (Gallium Nitride) |
| Series | eGaN® |
| Rds On (Max) @ Id, Vgs | 2.4 mOhm @ 30A, 5V |
| Packaging | Tape & Reel (TR) |
| Other Names | 917-1150-2 |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 12 Weeks |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Capacitance (Ciss) (Max) @ Vds | 1900pF @ 20V |
| Gate Charge (Qg) (Max) @ Vgs | 18nC @ 5V |
| FET Type | N-Channel |
| FET Feature | - |
| Drain to Source Voltage (Vdss) | 40V |
| Detailed Description | N-Channel 40V 31A (Ta) |
| Current - Continuous Drain (Id) @ 25°C | 31A (Ta) |

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