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|  | <p>Manufacturer Part Number: IPB009N03LGATMA1</p> |
| | <p>Manufacturer/Brand: International Rectifier (Infineon Technologies)</p> |
|  | <p>Part of Description: MOSFET N-CH 30V 180A TO263-7</p> |
| | <p>Datasheets: IPB009N03LGATMA1.pdf</p> |
| <p>RoHS Status:  Lead free / RoHS</p> | <p>Stock Condition: Compliant New original, Stock Available.</p> |
| <p>Ship From: Hong Kong</p> | <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 | IPB009N03LGATMA1 |
| Manufacturer | International Rectifier (Infineon Technologies) |
| Description | MOSFET N-CH 30V 180A TO263-7 |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 2.2V @ 250µA |
| Vgs (Max) | ±20V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | PG-TO263-7-3 |
| Series | OptiMOS™ |
| Rds On (Max) @ Id, Vgs | 0.95 mOhm @ 100A, 10V |
| Power Dissipation (Max) | 250W (Tc) |
| Packaging | Tape & Reel (TR) |
| Package / Case | TO-263-7, D²Pak (6 Leads + Tab) |
| Other Names | IPB009N03L G |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Capacitance (Ciss) (Max) @ Vds | 25000pF @ 15V |
| Gate Charge (Qg) (Max) @ Vgs | 227nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Drain to Source Voltage (Vdss) | 30V |
| Detailed Description | N-Channel 30V 180A (Tc) 250W (Tc) Surface Mount PG- |
| Current - Continuous Drain (Id) @ 25°C | 180A (Tc) |

IPB009N03LGATMA1 Electronic Components is 100% New Original from YIC Distributor, Search IPB009N03LGATMA1 Datasheets, PDF, Inventory at Y-IC.com Online, Order IPB009N03LGATMA1 International Rectifier (Infineon Technologies) with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.
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