



FQPF90N10V2

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| Manufacturer Part Number: | FQPF90N10V2 |
| Manufacturer / Brand: | AMI Semiconductor / ON Semiconductor |
| Part of Description: | MOSFET N-CH 100V 90A TO-220F |
| Datasheets: | FQPF90N10V2.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 18500 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of FQPF90N10V2

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|--|------------------------------|--|---|
| Part Number | FQPF90N10V2 | Manufacturer / Brand | AMI Semiconductor / ON Semiconductor |
| Series | QFET® | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | TO-220-3 Full Pack | Packaging | Tube |
| Mounting Type | Through Hole | Supplier Device Package | TO-220F |
| Operating Temperature | -55°C ~ 175°C (TJ) | Detailed Description | N-Channel 100V 90A (Tc) 83W (Tc) Through Hole TO-220F |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 83W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 100V | Current - Continuous Drain (Id) @ 25°C | 90A (Tc) |
| Rds On (Max) @ Id, Vgs | 10 mOhm @ 45A, 10V | Vgs(th) (Max) @ Id | 4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 191nC @ 10V | Input Capacitance (Ciss) (Max) @ Vds | 6150pF @ 25V |
| Drive Voltage (Max Rds On, Min Rds On) | 10V | Vgs (Max) | ±30V |
| Stock Quantity | 18500 pcs Stock | Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single |
| Description | MOSFET N-CH 100V 90A TO-220F | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords related to FQPF90N10V2

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