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|  life.augmented | STP260N4F7 |
| | Manufacturer Part Number: STP260N4F7 Manufacturer/Brand: STMicroelectronics Part of Description: MOSFET N-CHANNEL 40V 120A TO220 RoHS Status:  Lead free / RoHS Stock Condition:  New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS |
|  Not Actual Photo YIC International Co., Limited. | |
| Image may be representation. See specs for product details. | |

Specifications

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| Part Number | STP260N4F7 |
| Manufacturer | STMicroelectronics |
| Description | MOSFET N-CHANNEL 40V 120A TO220 |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 4V @ 250μA |
| Vgs (Max) | ±20V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | TO-220 |
| Series | STripFET™ |
| Rds On (Max) @ Id, Vgs | 2.2 mOhm @ 60A, 10V |
| Power Dissipation (Max) | 235W (Tc) |
| Package / Case | TO-220-3 |
| Other Names | 497-17320 |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 38 Weeks |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Input Capacitance (Ciss) (Max) @ Vds | 5600pF @ 25V |
| Gate Charge (Qg) (Max) @ Vgs | 67nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Drain to Source Voltage (Vdss) | 40V |
| Detailed Description | N-Channel 40V 120A (Tc) 235W (Tc) Through Hole TO- |
| Current - Continuous Drain (Id) @ 25°C | 120A (Tc) |

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