



STP80NF55L-06

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| Manufacturer Part Number: | STP80NF55L-06 |
| Manufacturer / Brand: | STMicroelectronics |
| Part of Description: | MOSFET N-CH 55V 80A TO-220 |
| Datasheets: | STP80NF55L-06.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 21000 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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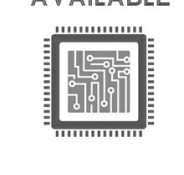
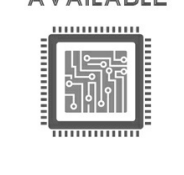
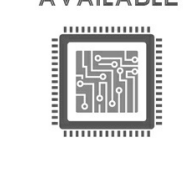




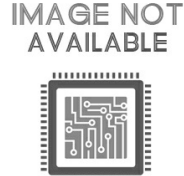



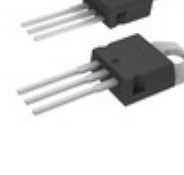



The specifications of STP80NF55L-06

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| Part Number | STP80NF55L-06 | Manufacturer / Brand | STMicroelectronics |
| Series | STripFET™ II | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | TO-220-3 | Packaging | Tube |
| Mounting Type | Through Hole | Supplier Device Package | TO-220AB |
| Operating Temperature | -55°C ~ 175°C (TJ) | Detailed Description | N-Channel 55V 80A (Tc) 300W (Tc) Through Hole TO-220AB |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 300W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 55V | Current - Continuous Drain (Id) @ 25°C | 80A (Tc) |
| Rds On (Max) @ Id, Vgs | 6.5 mOhm @ 40A, 10V | Vgs(th) (Max) @ Id | 1V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 136nC @ 5V | Input Capacitance (Ciss) (Max) @ Vds | 4850pF @ 25V |
| Drive Voltage (Max Rds On, Min Rds On) | 5V, 10V | Vgs (Max) | ±16V |
| Other Names | 497-5898-5 STP80NF55L-06-ND STP80NF55L06 | Stock Quantity | 21000 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single Description | | MOSFET N-CH 55V 80A TO-220 |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords related to STP80NF55L-06

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|----------------------------------|---------------------------------|----------------------------------|-----------------------------|
| STMicroelectronics STP80NF55L-06 | STP80NF55L-06 part | STP80NF55L-06 Price | STP80NF55L-06 Distributor |
| STP80NF55L-06 Technical | STP80NF55L-06 Stock | STP80NF55L-06 Inventory | STP80NF55L-06 Supplier |
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