
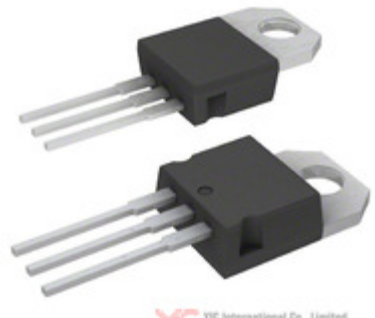




| | |
|---|---|
|  | <p>Manufacturer Part Number: STP80PF55</p> |
| | <p>Manufacturer/Brand: STMicroelectronics</p> |
|  | <p>Part of Description: MOSFET P-CH 55V 80A TO-220</p> |
| | <p>Datasheets:  STP80PF55.pdf</p> |
| | <p>RoHS Status:  Lead free / RoHS</p> |
| | <p>Stock Condition: Compliant New original, 73946 pcs Stock Available.</p> |
| | <p>Ship From: Hong Kong</p> |
| <p>Image may be representation. See specs for product details.</p> | <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |




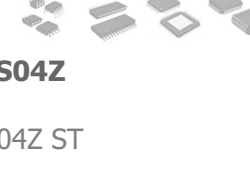

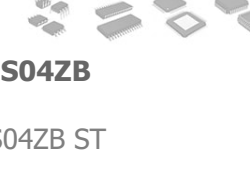
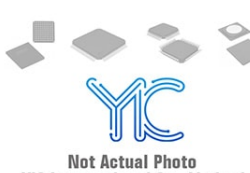

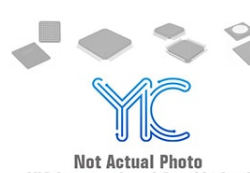

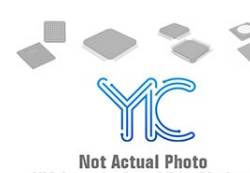

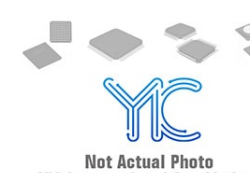

Specifications

| | |
|--|--|
| Part Number | STP80PF55 |
| Manufacturer | STMicroelectronics |
| Description | MOSFET P-CH 55V 80A TO-220 |
| Category | Discrete Semiconductor Products > Transistors - FETs , |
| Part Status | 73946 pcs Stock |
| Vgs(th) (Max) @ Id | 4V @ 250μA |
| Vgs (Max) | ±16V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | TO-220AB |
| Series | STripFET™ II |
| Rds On (Max) @ Id, Vgs | 18 mOhm @ 40A, 10V |
| Power Dissipation (Max) | 300W (Tc) |
| Packaging | Tube |
| Package / Case | TO-220-3 |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Input Capacitance (Ciss) (Max) @ Vds | 5500pF @ 25V |
| Gate Charge (Qg) (Max) @ Vgs | 258nC @ 10V |
| FET Type | P-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Drain to Source Voltage (Vdss) | 55V |
| Current - Continuous Drain (Id) @ 25°C | 80A (Tc) |

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