


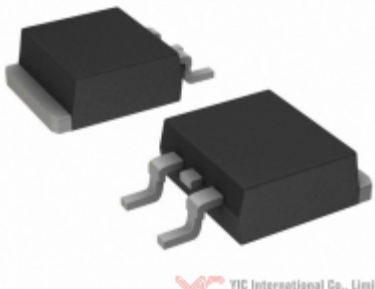








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|---|---|
|  | <h2 style="color: red;">FQB55N10TM</h2> <p>Manufacturer Part Number: FQB55N10TM</p> <p>Manufacturer/Brand: Fairchild/ON Semiconductor</p> <p>Part of Description: MOSFET N-CH 100V 55A D2PAK</p> <p>Datasheets:  FQB55N10TM.pdf</p> <p>RoHS Status:  Lead free / RoHS Compliant</p> <p>Stock Condition: New original, 42164 pcs 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 | FQB55N10TM |
| Manufacturer | Fairchild/ON Semiconductor |
| Description | MOSFET N-CH 100V 55A D2PAK |
| Category | Discrete Semiconductor Products > Transistors - FETs , |
| Part Status | 42164 pcs Stock |
| Series | QFET® |
| Technology | MOSFET (Metal Oxide) |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB |
| Supplier Device Package | D ² PAK (TO-263AB) |
| Power Dissipation (Max) | 3.75W (Ta), 155W (Tc) |
| FET Type | N-Channel |
| FET Feature | - |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 55A (Tc) |
| Rds On (Max) @ Id, Vgs | 26 mOhm @ 27.5A, 10V |
| Vgs(th) (Max) @ Id | 4V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 98nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 2730pF @ 25V |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs (Max) | ±25V |
| Packaging | Tape & Reel (TR) |



















































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