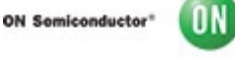


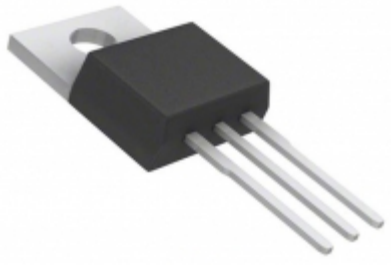




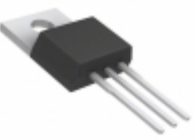





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|   | <h2 style="color: red;">FDP120N10</h2> |
| | <p>Manufacturer Part Number: FDP120N10</p> <p>Manufacturer/Brand: Fairchild/ON Semiconductor</p> <p>Part of Description: MOSFET N-CH 100V 74A TO-220</p> <p>Datasheets: 1.FDP120N10.pdf 2.FDP120N10.pdf</p> <p>RoHs Status:  Lead free / RoHS Compliant</p> <p>Stock Condition: New original, 79954 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
|  <p style="text-align: center;"><small>YIC International Co., Limited.</small></p> | |
| <p>Image may be representation. See specs for product details.</p> | |

Specifications

| | |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Part Number | FDP120N10 |
| Manufacturer | Fairchild/ON Semiconductor |
| Description | MOSFET N-CH 100V 74A TO-220 |
| Category | Discrete Semiconductor Products > Transistors - FETs , |
| Part Status | 79954 pcs Stock |
| Series | PowerTrench® |
| Technology | MOSFET (Metal Oxide) |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Through Hole |
| Package / Case | TO-220-3 |
| Supplier Device Package | TO-220-3 |
| Power Dissipation (Max) | 170W (Tc) |
| FET Type | N-Channel |
| FET Feature | - |
| Drain to Source Voltage (Vdss) | 100V |
| Current - Continuous Drain (Id) @ 25°C | 74A (Tc) |
| Rds On (Max) @ Id, Vgs | 12 mOhm @ 74A, 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 86nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 5605pF @ 25V |
| Packaging | Tube |



FDP120N10 is New Original in Stock, Search FDP120N10 Datasheets, PDF, Inventory at Y-IC.com Online, Order FDP120N10 Fairchild/ON Semiconductor with warrantied and confidence. RFQ FDP120N10 : Info@Y-IC.com

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|  <p>FDP11N50 FSC FSC TO-220</p> |  <p>FDP120AN15A0 Fairchild/ON Semiconductor MOSFET N-CH 150V 14A TO-220AB</p> |  <p>FDP120AN15A0 AMI Semiconductor / ON Semiconductor MOSFET N-CH 150V 14A TO-220AB</p> |  <p>FDP12N50NZ Fairchild/ON Semiconductor MOSFET N-CH 500V 11.5A TO-220</p> |

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More

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|  FDP075N15A |  FDP083N15A |  FDP083N15A |  FDP083N15A_F102 |  FDP085N10A |
|  FDP085N10A |  FDP085N10A_F102 |  FDP090N10 |  FDP090N10 |  FDP100N10 |
|  FDP100N10 |  FDP10AN06A0 |  FDP10AN06A0 |  FDP10AN06A0 |  FDP10N60NZ |
|  FDP10N60NZ |  FDP120AN15A0 |  FDP120AN15A0 |  FDP120AN15A0 |  FDP120N10 |
|  FDP12N50 |  FDP12N50 |  FDP12N50NZ |  FDP12N50NZ |  FDP12N60NZ |
|  FDP12N60NZ |  FDP13AN06A0 |  FDP13AN06A0 |  FDP13AN06A0 |  FDP14AN06LA0 |
|  FDP14AN06LA0 |  FDP14AN06LA0 |  FDP14N60 |  FDP150N10 |  FDP150N10 |
|  FDP150N10A |  FDP150N10A |  FDP150N10A_F102 |  FDP15N40 |  FDP15N40 |
|  FDP15N50 |  FDP15N50 |  FDP15N65 |  FDP15N65 |  FDP16AN08A0 |

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