



SIHF18N50D-E3

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| Manufacturer Part Number: | SIHF18N50D-E3 |
| Manufacturer / Brand | Electro-Films (EFI) / Vishay |
| Part of Description: | MOSFET N-CH 500V 18A TO-220FP |
| Datasheets: | SIHF18N50D-E3.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 1000 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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SIHF18N50D-E3 100% New Original 1000pcs in Stock, Find SIHF18N50D-E3 Price, Stock, datasheet at IC Components Ltd Online, buy SIHF18N50D-E3 Electro-Films (EFI) / Vishay with warrantied. 100% guarantee confidence. RFQ SIHF18N50D-E3: Info@IC-Components.com

























The specifications of SIHF18N50D-E3

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| Part Number | SIHF18N50D-E3 | Manufacturer / Brand | Electro-Films (EFI) / Vishay |
| Series | - | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | TO-220-3 Full Pack | Packaging | Tube |
| Mounting Type | Through Hole | Supplier Device Package | TO-220 Full Pack |
| Operating Temperature | -55°C ~ 150°C (TJ) | Detailed Description | N-Channel 500V 18A (Tc) 39W (Tc) Through Hole TO-220 Full Pack |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 39W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 500V | Current - Continuous Drain (Id) @ 25°C | 18A (Tc) |
| Rds On (Max) @ Id, Vgs | 280 mOhm @ 9A, 10V | Vgs(th) (Max) @ Id | 5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 76nC @ 10V | Input Capacitance (Ciss) (Max) @ Vds | 1500pF @ 100V |
| Drive Voltage (Max Rds On, Min Rds On) | 10V | Vgs (Max) | ±30V |
| Other Names | SIHF18N50DE3 | Stock Quantity | 1000 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single | Description | MOSFET N-CH 500V 18A TO-220FP |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords realted to SIHF18N50D-E3

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|--|---|--|--|
| Electro-Films (EFI) / Vishay SIHF18N50D-E3 | SIHF18N50D-E3 part | SIHF18N50D-E3 Price | SIHF18N50D-E3 Distributor |
| SIHF18N50D-E3 Technical | SIHF18N50D-E3 Stock | SIHF18N50D-E3 Inventory | SIHF18N50D-E3 Supplier |
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| <p>IMAGE NOT AVAILABLE</p> <p>SIHF5N50D Description: SIHF5N50D VB TO-220F Manufacturers: VB In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>SIHF5N50C Description: SIHF5N50C vishay TO-220F Manufacturers: Vishay Precision Group In Stock: New original, 300 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>SIHF12N60E-GE3 Description: MOSFET N-CH 600V 12A TO220 FULLP Manufacturers: Vishay / Spectrol In Stock: New original, 5000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
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|  <p>SIHF15N60E-EG3 Description: SIHF15N60E-EG3 VISHAY TO-220F Manufacturers: Vishay Precision Group In Stock: New original, 12000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>SIHF5N50D TK5A50D Description: SIHF5N50D TK5A50D TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>SIHF510S Description: SIHF510S Vishay TO-263 Manufacturers: Vishay Precision Group In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
| <p>IMAGE NOT AVAILABLE</p> <p>SIHF510 Description: SIHF510 V TO-220 Manufacturers: V In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |  <p>SIHF12N60E TK12A60 Description: SIHF12N60E TK12A60 TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: <input type="text"/> RFQ</p> | <p>IMAGE NOT AVAILABLE</p> <p>SIHF520 Description: SIHF520 VB TO-220 Manufacturers: VB In Stock: New original, 50000 pcs Stock Available. Quote: <input type="text"/> RFQ</p> |
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