



AOTF12T50P

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| Manufacturer Part Number: | AOTF12T50P |
| Manufacturer / Brand: | Alpha and Omega Semiconductor, Inc. |
| Part of Description: | MOSFET N-CH 500V 12A TO-220F |
| Datasheets: | AOTF12T50P(1).pdf AOTF12T50P(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 18500 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

GET A QUOTE

AOTF12T50P 100% New Original 18500pcs in Stock, Find AOTF12T50P Price, Stock, datasheet at IC Components Ltd Online, buy AOTF12T50P Alpha and Omega Semiconductor, Inc. with warrantied. 100% guarantee confidence. RFQ AOTF12T50P: Info@IC-Components.com































The specifications of AOTF12T50P

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|----------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Part Number | AOTF12T50P | Manufacturer / Brand | Alpha and Omega Semiconductor, Inc. |
| Series | - | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | TO-220-3 Full Pack | Packaging | Tube |
| Mounting Type | Through Hole | Supplier Device Package | TO-220-3F |
| Operating Temperature | -55°C ~ 150°C (TJ) | Detailed Description | N-Channel 500V 12A (Tc) 43W (Tc) Through Hole TO-220-3F |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 43W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 500V | Current - Continuous Drain (Id) @ 25°C | 12A (Tc) |
| Rds On (Max) @ Id, Vgs | 500 mOhm @ 6A, 10V | Vgs(th) (Max) @ Id | 5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 32nC @ 10V | Input Capacitance (Ciss) (Max) @ Vds | 1477pF @ 100V |
| Drive Voltage (Max Rds On, Min Rds On) | 10V | Vgs (Max) | ±30V |
| Other Names | 785-1652-5 | Stock Quantity | 18500 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single | Description | MOSFET N-CH 500V 12A TO-220F |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords related to AOTF12T50P

| | | | |
|------------------------------------------------|--------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Alpha and Omega Semiconductor, Inc. AOTF12T50P | AOTF12T50P part | AOTF12T50P Price | AOTF12T50P Distributor |
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