



AOTF29S50L

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| Manufacturer Part Number: | AOTF29S50L |
| Manufacturer / Brand | Alpha and Omega Semiconductor, Inc. |
| Part of Description: | MOSFET N-CH 500V 29A TO220F |
| Datasheets: | AOTF29S50L(1).pdf AOTF29S50L(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 800 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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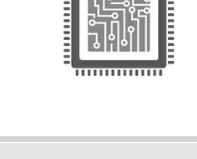
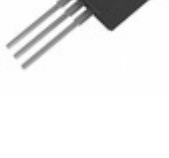
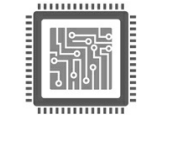
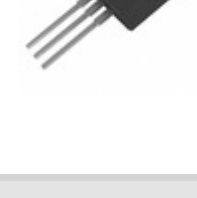






The specifications of AOTF29S50L

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| Part Number | AOTF29S50L | Manufacturer / Brand | Alpha and Omega Semiconductor, Inc. |
| Series | aMOS™ | 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 29A (Tc) 37.9W (Tc) Through Hole TO-220-3F |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 37.9W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 500V | Current - Continuous Drain (Id) @ 25°C | 29A (Tc) |
| Rds On (Max) @ Id, Vgs | 150 mOhm @ 14.5A, 10V | Vgs(th) (Max) @ Id | 3.9V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 26.6nC @ 10V | Input Capacitance (Ciss) (Max) @ Vds | 1312pF @ 100V |
| Drive Voltage (Max Rds On, Min Rds On) | 10V | Vgs (Max) | ±30V |
| Other Names | 785-1444-5 | Stock Quantity | 800 pcs Stock |
| Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single | Description | MOSFET N-CH 500V 29A TO220F |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | | |

Keywords related to AOTF29S50L

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| Alpha and Omega Semiconductor, Inc. AOTF29S50L | AOTF29S50L part | AOTF29S50L Price | AOTF29S50L Distributor |
| AOTF29S50L Technical | AOTF29S50L Stock | AOTF29S50L Inventory | AOTF29S50L Supplier |
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