
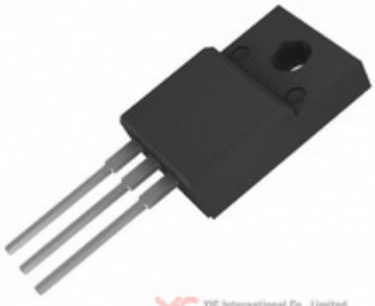



|   |   |  |
|---|---|--|
|   | <h2 style="color: red;">AOTF22N50L</h2> |  |
|   | <b>Manufacturer Part Number:</b>        | AOTF22N50L   |
|  | <b>Manufacturer/Brand:</b>              | Alpha and Omega Semiconductor, Inc.  |
|   | <b>Part of Description:</b>             | MOSFET N-CH  |
|   | <b>Datasheets:</b>                      | <a href="#">1.AOTF22N50L.pdf</a><br><a href="#">2.AOTF22N50L.pdf</a>                               |
|   | <b>RoHs Status:</b>                     |  Lead free / RoHS |
|   | <b>Stock Condition:</b>                 | Compliant<br>New original, Stock Available.  |
|   | <b>Ship From:</b>                       | Hong Kong  |
|   | <b>Shipment Way:</b>                    | DHL/Fedex/TNT/UPS/EMS  |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |  |

### Specifications

|  |   |
|--|---|
| Part Number                            | AOTF22N50L  |
| Manufacturer                           | Alpha and Omega Semiconductor, Inc.                   |
| Description                            | MOSFET N-CH   |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | Require For Quote & Check Stock                       |
| Vgs(th) (Max) @ Id                     | 4.5V @ 250µA  |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Supplier Device Package                | TO-220-3F   |
| Series                                 | -   |
| Rds On (Max) @ Id, Vgs                 | 260 mOhm @ 11A, 10V                                   |
| Power Dissipation (Max)                | 39W (Tc)  |
| Packaging                              | Tube  |
| Package / Case                         | TO-220-3 Full Pack                                    |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                    |
| Mounting Type                          | Through Hole  |
| Input Capacitance (Ciss) (Max) @ Vds   | 3710pF @ 25V  |
| Gate Charge (Qg) (Max) @ Vgs           | 83nC @ 10V  |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drain to Source Voltage (Vdss)         | 500V  |
| Current - Continuous Drain (Id) @ 25°C | 22A (Tc)  |

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|  <p><b>AOTF240</b><br/>AOS<br/>AOTF240 AOS</p>                   |  <p><b>AOTF2142</b><br/>AO/<br/>AOTF2142 AO/</p>  |  <p><b>AOTF240L</b><br/>Alpha &amp; Omega Semiconductor Inc.<br/>MOSFET N-CH 40V 20A TO220F</p> |  <p><b>AOTF256</b><br/>AOS<br/>AOS TO-220F</p>   |

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ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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