

AOTF18N65 Information


For Reference Only

Part Number [AOTF18N65](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 650V 18A TO220F
Package TO-220-3 Full Pack
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


AOTF18N65 Specifications

| | |
|--|---|
| Manufacturer Part Number | AOTF18N65 |
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single |
| Package | TO-220-3 Full Pack |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 650V |
| Current - Continuous Drain (Id) @ 25°C | 18A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4.5V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 68nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 3785pF @ 25V |
| Vgs (Max) | ±30V |
| FET Feature | - |
| Power Dissipation (Max) | 50W (Tc) |
| Rds On (Max) @ Id, Vgs | 390 mOhm @ 9A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Supplier Device Package | TO-220-3F |
| Package / Case | TO-220-3 Full Pack |

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AOTF18N65 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

AOTF18N65 Payment Methods



AOTF18N65 Shipping Methods



If you have any question about AOTF18N65, please do not hesitate to contact us!

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