

AON6516 Information



For Reference Only

Part Number AON6516

Manufacturer Alpha & Omega Semiconductor Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 27A 8DFN

Package 8-PowerSMD, Flat Leads

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

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.









AON6516 Specifications

| Manufacturer Part Number | AON6516 |
|--|--------------------------------------|
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | 8-PowerSMD, Flat Leads |
| Series | - |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 27A (Ta), 32A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 2.2V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 33nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1229pF @ 15V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 6W (Ta), 25W (Tc) |
| Rds On (Max) @ Id, Vgs | 5 mOhm @ 20A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | 8-DFN (5x6) |
| Package / Case | 8-PowerSMD, Flat Leads |
| | Report errors? |

AON6516 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.

AON6516 Payment Methods



















AON6516 Shipping Methods













If you have any question about AON6516, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com