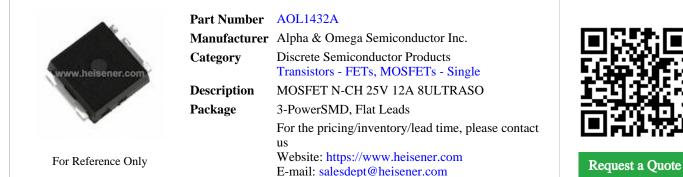


AOL1432A

AOL1432A Information



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.



AOL1432A Specifications

| Manufacturer Part Number | AOL1432A |
|--|--------------------------------------|
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products |
| Cullgory | Transistors - FETs, MOSFETs - Single |
| Package | 3-PowerSMD, Flat Leads |
| Series | SDMOS? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 25V |
| | |
| Current - Continuous Drain (Id) @ 25°C | 12A (Ta), 44A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 3V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 26nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 1450pF @ 12.5V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 2.1W (Ta), 30W (Tc) |
| Rds On (Max) @ Id, Vgs | 7.5 mOhm @ 30A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | UltraSO-8? |
| Package / Case | 3-PowerSMD, Flat Leads |
| | Report errors? |

AOL1432A 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 GUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DISCOVER

AOL1432A Payment Methods

AOL1432A Shipping Methods



If you have any question about AOL1432A, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com