

AOL1432A Information


For Reference Only

Part Number [AOL1432A](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 25V 12A 8ULTRASO
Package 3-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.


AOL1432A Specifications

Manufacturer Part Number	AOL1432A
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products 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 Guarantees

We guarantee 100% customer satisfaction.

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

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