

AOD2816 Information


For Reference Only

Part Number [AOD2816](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N CH 80V 8.5A TO252
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


AOD2816 Specifications

Manufacturer Part Number	AOD2816
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	80V
Current - Continuous Drain (Id) @ 25°C	8.5A (Ta), 35A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs(th) (Max) @ Id	3.5V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	22nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1109pF @ 40V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 53.5W (Tc)
Rds On (Max) @ Id, Vgs	15 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252, (D-Pak)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63

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AOD2816 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.

AOD2816 Payment Methods



AOD2816 Shipping Methods



If you have any question about AOD2816, please do not hesitate to contact us!

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