

AOD609 Information


For Reference Only

Part Number [AOD609](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Arrays](#)
Description MOSFET N/P-CH 40V 12A TO252-4
Package TO-252-5, DPak (4 Leads + Tab), TO-252AD
 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.


AOD609 Specifications

| | |
|--|---|
| Manufacturer Part Number | AOD609 |
| Manufacturer | Alpha & Omega Semiconductor Inc. |
| Category | Discrete Semiconductor Products Transistors - FETs, MOSFETs - Arrays |
| Package | TO-252-5, DPak (4 Leads + Tab), TO-252AD |
| Series | - |
| FET Type | N and P-Channel, Common Drain |
| FET Feature | Logic Level Gate |
| Drain to Source Voltage (Vdss) | 40V |
| Current - Continuous Drain (Id) @ 25°C | 12A |
| Rds On (Max) @ Id, Vgs | 30 mOhm @ 12A, 10V |
| Vgs(th) (Max) @ Id | 3V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 10.8nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 650pF @ 20V |
| Power - Max | 2W |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | TO-252-5, DPak (4 Leads + Tab), TO-252AD |
| Supplier Device Package | TO-252-4L |

[Report errors?](#)

AOD609 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.

AOD609 Payment Methods



AOD609 Shipping Methods



If you have any question about AOD609, please do not hesitate to contact us!

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