



AOD444 Information



For Reference Only

Part Number AOD444

ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 12A TO-252

Package TO-252-3, DPak (2 Leads + Tab), SC-63

us

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

For the pricing/inventory/lead time, please contact



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.









AOD444 Specifications

Manufacturer Part Number	AOD444
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)	60V
Current - Continuous Drain (Id) @ 25°C	4A (Ta), 12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	10nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	540pF @ 30V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.1W (Ta), 20W (Tc)
Rds On (Max) @ Id, Vgs	60 mOhm @ 12A, 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
	Report errors?

AOD444 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.

AOD444 Payment Methods



















AOD444 Shipping Methods













If you have any question about AOD444, please do not hesitate to contact us!

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