

AOD444

AOD444 Information



Part Number	AOD444
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 60V 12A TO-252
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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For Reference Only

Certified Quality

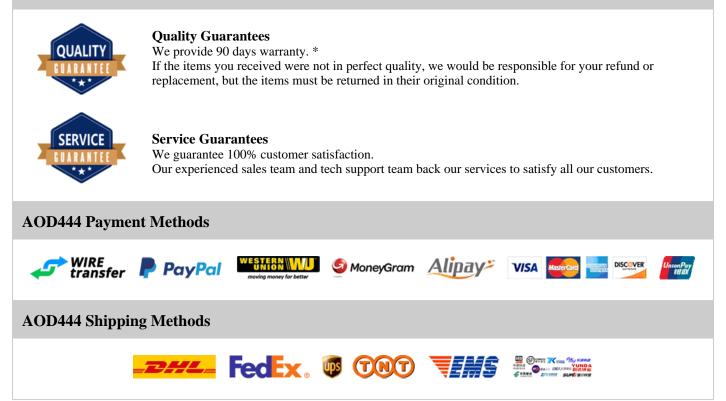
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



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)	$\pm 20 V$
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



If you have any question about AOD444, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com