

AO3442 Information


For Reference Only

Part Number [AO3442](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 100V 1A SOT23
Package TO-236-3, SC-59, SOT-23-3
 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.


AO3442 Specifications

Manufacturer Part Number	AO3442
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	1A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.9V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	100pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.4W (Ta)
Rds On (Max) @ Id, Vgs	630 mOhm @ 1A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3L
Package / Case	TO-236-3, SC-59, SOT-23-3

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AO3442 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.

AO3442 Payment Methods



AO3442 Shipping Methods



If you have any question about AO3442, please do not hesitate to contact us!

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