

AO6414 Information


For Reference Only

Part Number [AO6414](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 55V 2.3A 6-TSOP
Package SC-74, SOT-457
 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.


AO6414 Specifications

Manufacturer Part Number	AO6414
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	SC-74, SOT-457
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	55V
Current - Continuous Drain (Id) @ 25°C	2.3A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	3.3nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	300pF @ 25V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	1.56W (Ta)
Rds On (Max) @ Id, Vgs	160 mOhm @ 2.4A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-TSOP
Package / Case	SC-74, SOT-457

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AO6414 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.

AO6414 Payment Methods



AO6414 Shipping Methods



If you have any question about AO6414, please do not hesitate to contact us!

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