

AOC2422 Information


For Reference Only

Part Number [AOC2422](#)
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 8V 3.5A 4WLCSP
Package 4-XFBGA, CSPBGA
 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.


AOC2422 Specifications

Manufacturer Part Number	AOC2422
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	4-XFBGA, CSPBGA
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	8V
Current - Continuous Drain (Id) @ 25°C	3.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.2V, 2.5V
Vgs(th) (Max) @ Id	800mV @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	870pF @ 4V
Vgs (Max)	±5V
FET Feature	-
Power Dissipation (Max)	600mW (Ta)
Rds On (Max) @ Id, Vgs	33 mOhm @ 1.5A, 2.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	4-AphaDFN (0.97x0.97)
Package / Case	4-XFBGA, CSPBGA

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AOC2422 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.

AOC2422 Payment Methods



AOC2422 Shipping Methods



If you have any question about AOC2422, please do not hesitate to contact us!

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