

AON6442 Information



For Reference Only

Part Number AON6442

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

Description MOSFET N-CH 40V 22A DFN5X6

Package 8-PowerSMD, Flat Leads

For the pricing/inventory/lead time, please contact

us

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



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.









AON6442 Specifications

Manufacturer Part Number	AON6442
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	40V
Current - Continuous Drain (Id) @ 25°C	22A (Ta), 32A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	35nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2200pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	4.2W (Ta), 35.7W (Tc)
Rds On (Max) @ Id, Vgs	4.8 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-DFN (5x6)
Package / Case	8-PowerSMD, Flat Leads
	Report errors?

AON6442 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.

AON6442 Payment Methods



















AON6442 Shipping Methods













If you have any question about AON6442, please do not hesitate to contact us!

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