AON6512

AON6512 Information

For Reference Only

Part Number AON6512
Manufacturer Alpha & Omega Semiconductor Inc.
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 54A 8DFN
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.

AON6512 Specifications

Manufacturer Part Number	AON6512
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)	30V
Current - Continuous Drain (Id) @ 25°C	54A (Ta), 150A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	64nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	3430pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	7.4W (Ta), 83W (Tc)
Rds On (Max) @ Id, Vgs	1.7 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?

AON6512 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.

AON6512 Payment Methods

AON6512 Shipping Methods

If you have any question about AON6512, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com