

AON6416

AON6416 Information



Part Number	AON6416
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 14A 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



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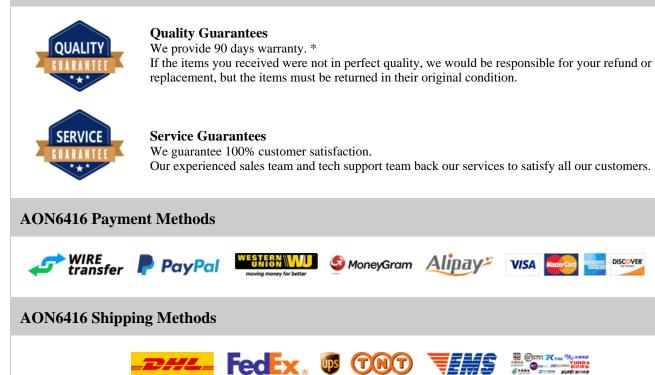
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



AON6416 Specifications

Manufacturer Part Number	AON6416
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	SDMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	14A (Ta), 22A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	28nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1430pF @ 15V
Vgs (Max)	$\pm 20 \mathrm{V}$
FET Feature	-
Power Dissipation (Max)	2.4W (Ta), 31W (Tc)
Rds On (Max) @ Id, Vgs	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?

AON6416 Guarantees



If you have any question about AON6416, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com