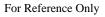


AOT414

AOT414 Information

	Part Number	AOT414
www.helses.com	Manufacturer	Alpha & Omega Semiconductor Inc.
	Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
	Description	MOSFET N-CH 100V 43A TO-220
ll	Package	TO-220-3
		For the pricing/inventory/lead time, please contact us



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.



Request a Quote

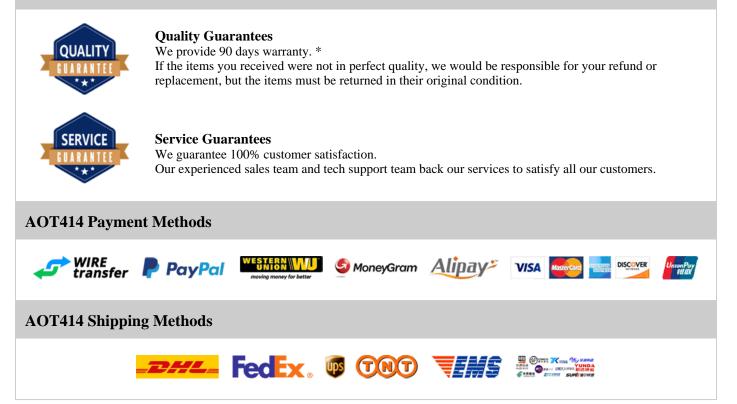
AOT414 Specifications

Manufacturer Part Number	AOT414
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	SDMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	5.6A (Ta), 43A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	7V, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	34nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2200pF @ 50V
Vgs (Max)	±25V
FET Feature	-
Power Dissipation (Max)	1.9W (Ta), 115W (Tc)
Rds On (Max) @ Id, Vgs	25 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3
	Report errors?

Website: https://www.heisener.com

E-mail: salesdept@heisener.com

AOT414 Guarantees



If you have any question about AOT414, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com