



AOT12N65 Information



For Reference Only

Part Number AOT12N65

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

Description MOSFET N-CH 650V 12A TO220

Package TO-220-3

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.









AOT12N65 Specifications

Manufacturer Part Number	AOT12N65
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	650V
Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.5V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	48nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2150pF @ 25V
Vgs (Max)	±30V
FET Feature	-
Power Dissipation (Max)	278W (Tc)
Rds On (Max) @ Id, Vgs	720 mOhm @ 6A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-220
Package / Case	TO-220-3
	Report errors?

AOT12N65 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.

AOT12N65 Payment Methods









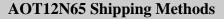
























If you have any question about AOT12N65, please do not hesitate to contact us!

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