

### **AOW290 Information**



For Reference Only

Part Number AOW290

ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - Single

**Description** MOSFET NCH 100V 140A TO262

Package TO-262-3 Long Leads, I2Pak, TO-262AA

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.









# **AOW290 Specifications**

Manufacturer Part Number	AOW290
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Long Leads, I2Pak, TO-262AA
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	17.5A (Ta), 140A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	10V
Vgs(th) (Max) @ Id	4.1V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	126nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	7180pF @ 50V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	1.9W (Ta), 500W (Tc)
Rds On (Max) @ Id, Vgs	3.2 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-262
Package / Case	TO-262-3 Long Leads, I2Pak, TO-262AA
	Report errors?

### **AOW290 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.

## **AOW290 Payment Methods**



















### **AOW290 Shipping Methods**













If you have any question about AOW290, please do not hesitate to contact us!

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