

# AO3415

### **AO3415 Information**



Part Number	AO3415
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET P-CH 20V 4A SOT23
Package	TO-236-3, SC-59, SOT-23-3
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

# **Certified Quality**

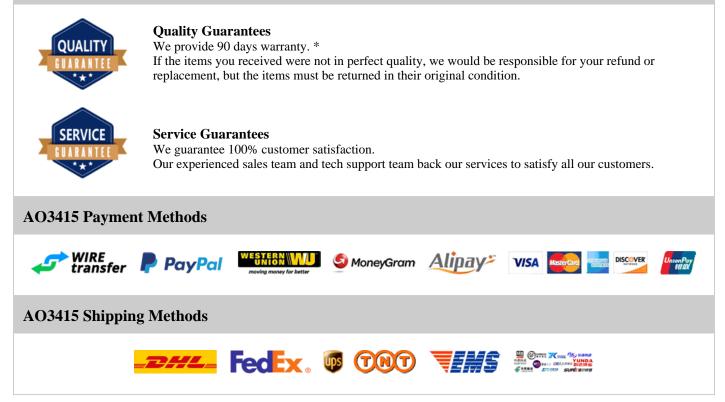
Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **AO3415 Specifications**

Manufacturer Part Number	AO3415
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-236-3, SC-59, SOT-23-3
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	4A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Vgs(th) (Max) @ Id	1V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	17.2nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1450pF @ 10V
Vgs (Max)	$\pm 8\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	1.5W (Ta)
Rds On (Max) @ Id, Vgs	43 mOhm @ 4A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3L
Package / Case	TO-236-3, SC-59, SOT-23-3
	Report errors?

#### **AO3415 Guarantees**



If you have any question about AO3415, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com