AOI516_002

AOI516_002 Information

For Reference Only

Part Number	AOI516_002
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Description	MOSFET N-CH 30V 18A
Package	TO-251-3 Stub Leads, IPak

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.

AOI516_002 Specifications

Manufacturer Part Number	AOI516_002
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Stub Leads, IPak
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	18A (Ta), 46A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	33nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	1229pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
Rds On (Max) @ Id, Vgs	5 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	TO-251B
Package / Case	TO-251-3 Stub Leads, IPak
	Report errors?

AOI516_002 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.

AOI516_002 Payment Methods

AOI516_002 Shipping Methods

If you have any question about AOI516_002, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com