

AOL1700 Information



For Reference Only

Part Number AOL1700

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

Description MOSFET N-CH 30V 85A 8ULTRASO

Package 3-PowerSMD, Flat Leads

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.









AOL1700 Specifications

Manufacturer Part Number	AOL1700
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	3-PowerSMD, Flat Leads
Series	SRFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	17A (Ta), 85A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.2V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	74nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	4512pF @ 15V
Vgs (Max)	±20V
FET Feature	Schottky Diode (Body)
Power Dissipation (Max)	2.1W (Ta), 100W (Tc)
Rds On (Max) @ Id, Vgs	4.2 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	UltraSO-8?
Package / Case	3-PowerSMD, Flat Leads
	Report errors?

AOL1700 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.

AOL1700 Payment Methods









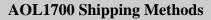
























If you have any question about AOL1700, please do not hesitate to contact us!

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