









	<h2 style="color: #e67e22;">AON6538</h2>	
	<b>Manufacturer Part Number:</b>	AON6538
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N CH 30V 30A 8DFN
	<b>Datasheets:</b>	<a href="#">1.AON6538.pdf</a> <a href="#">2.AON6538.pdf</a>
	<b>RoHS Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, 327821 pcs Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	AON6538
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N CH 30V 30A 8DFN
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	327821 pcs Stock
Vgs(th) (Max) @ Id	2.4V @ 250µA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-DFN (5x6)
Series	-
Rds On (Max) @ Id, Vgs	4 mOhm @ 20A, 10V
Power Dissipation (Max)	5.6W (Ta), 35.5W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerSMD, Flat Leads
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1315pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	30nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	30A (Ta), 75A (Tc)

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