









	<b>AON6524_001</b>
	<b>Manufacturer Part Number:</b> <a href="#">AON6524_001</a>
	<b>Manufacturer/Brand:</b> <a href="#">Alpha and Omega Semiconductor, Inc.</a>
	<b>Part of Description:</b> MOSFET N-CH 30V DFN
<p>Image may be representation. See specs for product details.</p>	<b>Datasheets:</b>  <a href="#">AON6524_001.pdf</a>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, Stock Available.
	<b>Ship From:</b> Hong Kong
	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	<a href="#">AON6524_001</a>
Manufacturer	<a href="#">Alpha and Omega Semiconductor, Inc.</a>
Description	MOSFET N-CH 30V DFN
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	2.3V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	8-DFN (5x6)
Series	AlphaMOS
Rds On (Max) @ Id, Vgs	5 mOhm @ 20A, 10V
Power Dissipation (Max)	5.7W (Ta), 35.5W (Tc)
Package / Case	8-VDFN Exposed Pad
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	1900pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	23nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	30V
Detailed Description	N-Channel 30V 27A (Ta), 68A (Tc) 5.7W (Ta), 35.5W
Current - Continuous Drain (Id) @ 25°C	27A (Ta), 68A (Tc)

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