










	<p>AON5816</p>
	<p>Manufacturer Part Number: AON5816</p>
 <p>Not Actual Photo YIC International Co., Limited.</p>	<p>Manufacturer/Brand: Alpha and Omega Semiconductor, Inc.</p>
	<p>Part of Description: MOSFET 2 N-CHANNEL 20V 12A 6DFN</p>
<p>Image may be representation. See specs for product details.</p>	<p>Datasheets:  AON5816.pdf</p>
	<p>RoHS Status:  Lead free / RoHS</p>
	<p>Stock Condition: Compliant New original, 4399 pcs Stock Available.</p>
	<p>Ship From: Hong Kong</p>
	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>

Specifications

Part Number	AON5816
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET 2 N-CHANNEL 20V 12A 6DFN
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	4399 pcs Stock
Vgs(th) (Max) @ Id	1.3V @ 250µA
Supplier Device Package	6-DFN-EP (2x5)
Series	-
Rds On (Max) @ Id, Vgs	6.5 mOhm @ 12A, 4.5V
Power - Max	1.7W
Package / Case	6-SMD, Flat Lead Exposed Pad
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	2170pF @ 10V
Gate Charge (Qg) (Max) @ Vgs	35nC @ 4.5V
FET Type	2 N-Channel (Dual) Common Drain
FET Feature	Standard
Drain to Source Voltage (Vdss)	20V
Detailed Description	Mosfet Array 2 N-Channel (Dual) Common Drain 20V
Current - Continuous Drain (Id) @ 25°C	12A (Ta)

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