



**AON7418**

Manufacturer Part Number:	AON7418
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH 30V 46A 8DFN
Datasheets:	AON7418.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 5000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AON7418

Part Number	AON7418	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-PowerWDFN	Packaging	Cut Tape (CT)
Mounting Type	Surface Mount	Supplier Device Package	8-DFN-EP (3.3x3.3)
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 30V 46A (Ta), 50A (Tc) 6.2W (Ta), 83W (Tc) Surface Mount 8-DFN-EP (3.3x3.3)
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	6.2W (Ta), 83W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	46A (Ta), 50A (Tc)
Rds On (Max) @ Id, Vgs	1.7 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.2V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	65nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2994pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Other Names	785-1308-1	Stock Quantity	5000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 30V 46A 8DFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to AON7418

Alpha and Omega Semiconductor, Inc. AON7418	AON7418 part	AON7418 Price	AON7418 Distributor
AON7418 Technical	AON7418 Stock	AON7418 Inventory	AON7418 Supplier
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**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
TEL: 00 852 - 30501935  
FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong