



AO4427

Manufacturer Part Number:	AO4427
Manufacturer / Brand:	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET P-CH 30V 12.5A 8SOIC
Datasheets:	AO4427.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 50000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of AO4427

Part Number	AO4427	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Packaging	Original-Reel®
Mounting Type	Surface Mount	Supplier Device Package	8-SOIC
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	P-Channel 30V 12.5A (Ta) 3W (Ta) Surface Mount 8-SOIC
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	3W (Ta)
FET Type	P-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	12.5A (Ta)
Rds On (Max) @ Id, Vgs	12 mOhm @ 12.5A, 20V	Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	52nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	2900pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±25V
Other Names	785-1027-6	Stock Quantity	50000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET P-CH 30V 12.5A 8SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to AO4427

Alpha and Omega Semiconductor, Inc. AO4427	AO4427 part	AO4427 Price	AO4427 Distributor
AO4427 Technical	AO4427 Stock	AO4427 Inventory	AO4427 Supplier
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