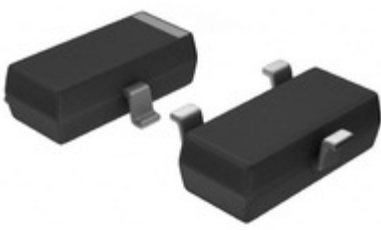


	<h2 style="color: red;">AO3414L</h2>	
	Manufacturer Part Number:	AO3414L
	Manufacturer/Brand:	Alpha and Omega Semiconductor, Inc.
	Part of Description:	MOSFET N-CHANNEL 20V 3A SOT23-3
Datasheets:	 AO3414L.pdf	
RoHS Status:	 Lead free / RoHS	
Stock Condition:	Compliant New original, 22527 pcs Stock Available.	
Ship From:	Hong Kong	
Shipment Way:	DHL/Fedex/TNT/UPS/EMS	
Image may be representation. See specs for product details.		

Specifications

Part Number	AO3414L
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CHANNEL 20V 3A SOT23-3
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	22527 pcs Stock
Vgs(th) (Max) @ Id	1V @ 250μA
Vgs (Max)	±8V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	SOT-23-3
Series	-
Rds On (Max) @ Id, Vgs	62 mOhm @ 3A, 4.5V
Power Dissipation (Max)	1.4W (Ta)
Packaging	Tape & Reel (TR)
Package / Case	TO-236-3, SC-59, SOT-23-3
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	320pF @ 10V
Gate Charge (Qg) (Max) @ Vgs	3.8nC @ 4.5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Drain to Source Voltage (Vdss)	20V
Detailed Description	N-Channel 20V 3A (Ta) 1.4W (Ta) Surface Mount SOT-
Current - Continuous Drain (Id) @ 25°C	3A (Ta)

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