

**AOY514**

Manufacturer Part Number:	AOY514
Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Part of Description:	MOSFET N-CH
Datasheets:	AOY514(1).pdf AOY514(2).pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 14000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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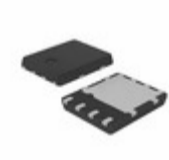



















The specifications of AOY514

Part Number	AOY514	Manufacturer / Brand	Alpha and Omega Semiconductor, Inc.
Series	-	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-251-3 Stub Leads, IPak	Packaging	Tube
Mounting Type	Through Hole	Supplier Device Package	TO-251B
Operating Temperature	-55°C ~ 175°C (TJ)	Detailed Description	N-Channel 30V 17A (Ta), 46A (Tc) 2.5W (Ta), 50W (Tc) Through Hole TO-251B
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	30V	Current - Continuous Drain (Id) @ 25°C	17A (Ta), 46A (Tc)
Rds On (Max) @ Id, Vgs	5.9 mOhm @ 20A, 10V	Vgs(th) (Max) @ Id	2.4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	18nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	1187pF @ 15V
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	Vgs (Max)	±20V
Stock Quantity	14000 pcs Stock	Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs, MOSFETs - Single</a>
Description	MOSFET N-CH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to AOY514

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 <p><b>Microsemi JANTX2N6796</b> Description: MOSFET N-CH 100V 8A Manufacturers: Microsemi In Stock: New original, 4700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>IRFL31N20D</b> Description: MOSFET N-CH 200V 31A D2PAK Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 10000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>DMG1013T-7</b> Description: MOSFET P-CH 20V 0.46A SOT-523 Manufacturers: Diodes Incorporated In Stock: New original, 240000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p><b>SFH9250L</b> Description: MOSFET P-CH 200V 19.5A TO-3P Manufacturers: AMI Semiconductor / ON Semiconductor In Stock: New original, 1100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>STP4NK60ZFP</b> Description: MOSFET N-CH 800V 3A TO-220FP Manufacturers: STMicroelectronics In Stock: New original, 2700 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p><b>IRFR024TRPBF</b> Description: MOSFET N-CH 60V 14A DPAK Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 15100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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