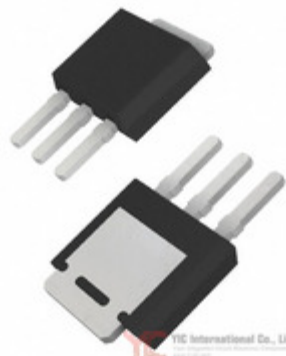

	<h2 style="color: red;">AOI442</h2>	
	<b>Manufacturer Part Number:</b>	AOI442
	<b>Manufacturer/Brand:</b>	Alpha and Omega Semiconductor, Inc.
	<b>Part of Description:</b>	MOSFET N-CH 60V 7A TO251A
	<b>Datasheets:</b>	<a href="#">1.AOI442.pdf</a> <a href="#">2.AOI442.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
	<b>Stock Condition:</b>	Compliant New original, 12767 pcs Stock Available.
	<b>Ship From:</b>	Hong Kong
	<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>		

### Specifications

Part Number	AOI442
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 60V 7A TO251A
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	12767 pcs Stock
Vgs(th) (Max) @ Id	2.7V @ 250µA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-251A
Series	-
Rds On (Max) @ Id, Vgs	20 mOhm @ 20A, 10V
Power Dissipation (Max)	2.1W (Ta), 60W (Tc)
Packaging	Tube
Package / Case	TO-251-3 Stub Leads, IPak
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	2300pF @ 30V
Gate Charge (Qg) (Max) @ Vgs	68nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	7A (Ta), 37A (Tc)

AOI442 Electronic Components is 100% New Original from YIC Distributor, Search AOI442 Datasheets, PDF, Inventory at Y-IC.com Online, Order AOI442 Alpha and Omega Semiconductor, Inc. with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.

RFQ AOI442 Email: [Info@Y-IC.com](mailto:Info@Y-IC.com)

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In:

 <p><b>AOI423</b> Alpha &amp; Omega Semiconductor Inc. MOSFET P-CH 30V 15A</p>	 <p><b>AOI450</b> VB AOI450 VB</p>	 <p><b>AOI444</b> Alpha &amp; Omega Semiconductor Inc. MOSFET N-CH 60V 4A TO251A</p>	 <p><b>AOI421</b> VB AOI421 VB</p>
 <p><b>AOI4286</b> Alpha &amp; Omega Semiconductor Inc. MOSFET N-CH 100V 14A TO-251</p>	 <p><b>AOI448</b> VB AOI448 VB</p>	 <p><b>AOI422</b> VB AOI422 VB</p>	 <p><b>AOI425</b> VB AOI425 VB</p>

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