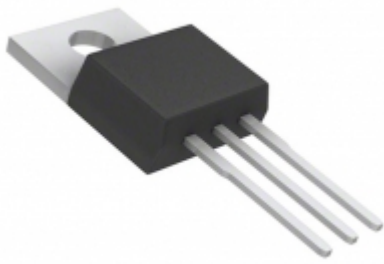



AOT5B65M1







Part Number: [AOT5B65M1](#)

Manufacturer [Alpha and Omega Semiconductor, Inc.](#)

Description IGBT 650V 5A TO220

Data sheet:  [TO220 Pkg Drawing](#)
 [AOT5B65M1, AOB5B65M1](#)

RoHS Status: Lead free / RoHS Compliant














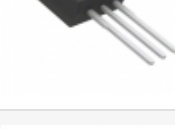






Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER	
Part Number	AOT5B65M1
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	IGBT 650V 5A TO220
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62908 pcs
Product Photo	AOT5B65M1.jpg
Category	Discrete Semiconductor Products
Voltage - Collector Emitter Breakdown (Max)	650V
Vce(on) (Max) @ Vge, Ic	1.98V @ 15V, 5A
Test Condition	400V, 5A, 60 Ohm, 15V
Td (on/off) @ 25°C	8.5ns/106ns
Switching Energy	80µJ (on), 70µJ (off)
Supplier Device Package	TO-220
Series	Alpha IGBT™
Reverse Recovery Time (trr)	195ns
Power - Max	83W
Packaging	Tube
Package / Case	TO-220-3
Other Names	785-1765
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Standard
IGBT Type	-
Gate Charge	14nC
Detailed Description	IGBT 650V 10A 83W Through Hole TO-220
Current - Collector Pulsed (Icm)	15A
Current - Collector (Ic) (Max)	10A
Components-Store.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Alpha and Omega Semiconductor, Inc. series electronic components. We have 62908 pieces of Alpha and Omega Semiconductor, Inc. AOT5B65M1 in stock available now. Request a quote from electronics components distributor at Components-Store.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-Store.com	

RELATED PRODUCTS	
	<div><div>Part#: AOT5N50</div><div>Description: MOSFET N-CH 500V 5A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 145384</div></div> <div>RFQ</div>
	<div><div>Part#: AOT5N100</div><div>Description: MOSFET N-CH 1000V 4A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 80713</div></div> <div>RFQ</div>
	<div><div>Part#: AOT502</div><div>Description: MOSFET N-CH 33V 9A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 5209</div></div> <div>RFQ</div>
	<div><div>Part#: AOT474_001</div><div>Description: MOSFET N-CH 75V TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4972</div></div> <div>RFQ</div>
	<div><div>Part#: AOT7S60L</div><div>Description: MOSFET N-CH 600V TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 59529</div></div> <div>RFQ</div>
	<div><div>Part#: AOT500</div><div>Description: MOSFET N-CH 33V 80A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 76808</div></div> <div>RFQ</div>
	<div><div>Part#: AOT8N50</div><div>Description: MOSFET N-CH 500V 8A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 122954</div></div> <div>RFQ</div>
	<div><div>Part#: AOT474_002</div><div>Description: MOSFET N-CH 75V 9A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4770</div></div> <div>RFQ</div>
	<div><div>Part#: AOT5N60</div><div>Description: MOSFET N-CH 600V 5A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4718</div></div> <div>RFQ</div>
	<div><div>Part#: AOT7S65L</div><div>Description: MOSFET N-CH 650V 7A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 67195</div></div> <div>RFQ</div>
	<div><div>Part#: AOT474</div><div>Description: MOSFET N-CH 75V 9A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4447</div></div> <div>RFQ</div>
	<div><div>Part#: AOT5B60D</div><div>Description: IGBT 600V 10A 82.4W TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 71950</div></div> <div>RFQ</div>
	<div><div>Part#: AOT4S60L</div><div>Description: MOSFET N-CH 600V 4A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 94164</div></div> <div>RFQ</div>
	<div><div>Part#: AOT7N60</div><div>Description: MOSFET N-CH 600V 7A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 107695</div></div> <div>RFQ</div>
	<div><div>Part#: AOT480L</div><div>Description: MOSFET N-CH 80V 15A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 71390</div></div> <div>RFQ</div>
	<div><div>Part#: AOT482L</div><div>Description: MOSFET N-CH 80V 11A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 78996</div></div> <div>RFQ</div>
	<div><div>Part#: AOT4N60</div><div>Description: MOSFET N-CH 600V 4A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 146404</div></div> <div>RFQ</div>
	<div><div>Part#: AOT7N70</div><div>Description: MOSFET N-CH 700V 7A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 95764</div></div> <div>RFQ</div>
	<div><div>Part#: AOT5N50_001</div><div>Description: MOSFET N-CH 500V 5A TO-220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 4680</div></div> <div>RFQ</div>
	<div><div>Part#: AOT7N65</div><div>Description: MOSFET N-CH 650V 7A TO220</div></div> <div><div>Manufacturers: Alpha and Omega Semiconductor, Inc.</div><div>In Stock: 88670</div></div> <div>RFQ</div>

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