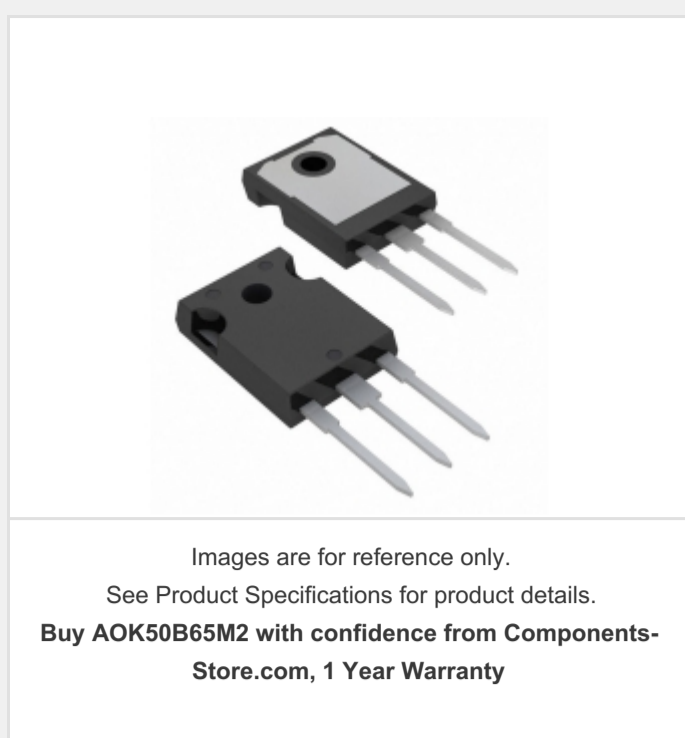


AOK50B65M2



Part Number: [AOK50B65M2](#)
Manufacturer: [Alpha and Omega Semiconductor, Inc.](#)
Description: IGBT 650V 50A TO247
Data sheet: [PDF AOK50B65M2](#)
[PDF TO247 Pkg Drawing](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER

| | |
|---------------------------------------------|-----------------------------------------------------|
| Part Number | AOK50B65M2 |
| Manufacturer | Alpha and Omega Semiconductor, Inc. |
| Description | IGBT 650V 50A TO247 |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 39832 pcs |
| Product Photo | AOK50B65M2.jpg |
| Category | Discrete Semiconductor Products |
| Voltage - Collector Emitter Breakdown (Max) | 650V |
| Vce(on) (Max) @ Vge, Ic | 2.2V @ 15V, 50A |
| Test Condition | 400V, 50A, 6 Ohm, 15V |
| Td (on/off) @ 25°C | 46ns/182ns |
| Switching Energy | 2.09mJ (on), 1.03mJ (off) |
| Supplier Device Package | TO-247 |
| Series | Alpha IGBT™ |
| Reverse Recovery Time (trr) | 327ns |
| Power - Max | 500W |
| Packaging | Tube |
| Package / Case | TO-247-3 |
| Other Names | 785-1756 |
| 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 | 102nC |
| Detailed Description | IGBT 650V 100A 500W Through Hole TO-247 |
| Current - Collector Pulsed (Icm) | 150A |
| Current - Collector (Ic) (Max) | 100A |

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 39832 pieces of Alpha and Omega Semiconductor, Inc. AOK50B65M2 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

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| | Part#: AOK40B60D Description: IGBT 600V 80A 312.5W TO247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 21164 | RFQ |
| | Part#: AOK40B120M1 Description: IGBT 1200V 40A TO-247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 21247 | RFQ |
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| | Part#: AOK50B65H1 Description: IGBT 650V 50A TO-247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 31503 | RFQ |
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| | Part#: AOK5N100 Description: MOSFET N-CH 1000V 4A TO247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 48909 | RFQ |
| | Part#: AOK5N100L Description: MOSFET N-CH 1000V 4A TO247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 45605 | RFQ |
| | Part#: AOK42S60L Description: MOSFET N-CH 600V 39A TO247 | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 33089 | RFQ |

Related keywords for AOK50B65M2

| | | | |
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