

MXSMCJ51CAE3



Part Number: [MXSMCJ51CAE3](#)

Manufacturer: [Microsemi](#)

Description: TVS DIODE 51V 82.4V DO214AB

Data sheet:  [MSMCx5.0A - MXLSMCx170CAe3](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                    |                                  |                                            |
|----------------------------------|------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                      | MXSMCJ51CAE3                       | Manufacturer                     | <a href="#">Microsemi</a>                  |
| Description                      | TVS DIODE 51V 82.4V DO214AB        | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant         |
| Quantity Available               | 5256 pcs                           | Data sheet                       | <a href="#">MSMCx5.0A - MXLSMCx170CAe3</a> |
| Category                         | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 51V                                        |
| Voltage - Clamping (Max) @ 1pp   | 82.4V                              | Voltage - Breakdown (Min)        | 56.7V                                      |
| Type                             | Zener                              | Supplier Device Package          | DO-214AB (SMCJ)                            |
| Series                           | Military, MIL-PRF-19500            | Power Line Protection            | No                                         |
| Power - Peak Pulse               | 1500W (1.5kW)                      | Packaging                        | Bulk                                       |
| Package / Case                   | DO-214AB, SMC                      | Other Names                      | 1086-14604<br>1086-14604-MIL               |
| Operating Temperature            | -65°C ~ 150°C (TJ)                 | Mounting Type                    | Surface Mount                              |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                      | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant         |
| Current - Peak Pulse (10/1000µs) | 18.2A                              | Capacitance @ Frequency          | -                                          |
| Bidirectional Channels           | 1                                  | Applications                     | General Purpose                            |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5256 pieces of Microsemi MXSMCJ51CAE3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                   |                                                      |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MXSMCJ5.0AE3</a><br>Description: TVS DIODE 5VWM 9.2VC DO214AB  | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ6.0A</a><br>Description: TVS DIODE 6VWM 10.3VC DO214AB   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ5.0CA</a><br>Description: TVS DIODE 5VWM 9.2VC DO214AB   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ5.0CAE3/TR</a><br>Description: HI REL TVS                | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ48CAE3</a><br>Description: TVS DIODE 48V 77.4V DO214AB   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ51CA</a><br>Description: TVS DIODE 51V 82.4V DO214AB     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ51A</a><br>Description: TVS DIODE 51VWM 82.4VC DO214AB   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ54AE3</a><br>Description: TVS DIODE 54VWM 87.1VC DO214AB | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ54CAE3</a><br>Description: TVS DIODE 54V 87.1V DO214AB   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ58CA</a><br>Description: TVS DIODE 58V 93.6V DO214AB     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ54CA</a><br>Description: TVS DIODE 54V 87.1V DO214AB     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ51AE3</a><br>Description: TVS DIODE 51VWM 82.4VC DO214AB | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ54A</a><br>Description: TVS DIODE 54VWM 87.1VC DO214AB   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ51A/TR</a><br>Description: HI REL TVS                    | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
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|  | Part#: <a href="#">MXSMCJ58AE3/TR</a><br>Description: HI REL TVS                  | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ58AE3</a><br>Description: TVS DIODE 58VWM 93.6VC DO214AB | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ58CAE3</a><br>Description: TVS DIODE 58V 93.6V DO214AB   | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MXSMCJ58A</a><br>Description: TVS DIODE 58VWM 93.6VC DO214AB   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |

| Related keywords for MXSMCJ51CAE3   |                                                     |                                                                                                      |                                                                                                               |
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| Microsemi HI-REL [MIL] MXSMCJ51CAE3 | Microsemi Power Management Group<br>MXSMCJ51CAE3    | Microsemi Power Products Group MXSMCJ51CAE3<br>Microsemi Commercial Components Group<br>MXSMCJ51CAE3 | Microsemi SoC MXSMCJ51CAE3<br>Microsemi Corporation MXSMCJ51CAE3<br>Microsemi Solutions Sdn Bhd. MXSMCJ51CAE3 |