

5.0SMDJ51A M6G





Part Number: [5.0SMDJ51A M6G](#)

Manufacturer: [TSC \(Taiwan Semiconductor\)](#)

Description: TVS DIODE 51V 82.4V DO214AB

Data sheet:  [5.0SMDJ16A - 5.0SMDJ100A](#)

RoHs Status: Lead free / RoHS 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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                  |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.0SMDJ51A M6G                     | Manufacturer                     | <a href="#">TSC (Taiwan Semiconductor)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TVS DIODE 51V 82.4V DO214AB        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 84147 pcs                          | Data sheet                       | <a href="#">5.0SMDJ16A - 5.0SMDJ100A</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 51V                                        |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 82.4V                              | Voltage - Breakdown (Min)        | 56.7V                                      |
| Unidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                  | Type                             | Zener                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DO-214AB (SMC)                     | Series                           | 5.0SMDJ                                    |
| Power Line Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                            | No                                 | Power - Peak Pulse               | 5000W (5kW)                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                   | Package / Case                   | DO-214AB, SMC                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.0SMDJ51A M6G-ND<br>5.0SMDJ51AM6G | Operating Temperature            | -55°C ~ 175°C (TJ)                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15 Weeks                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 60.7A                              | Capacitance @ Frequency          | -                                          |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | General Purpose                    |                                  |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">5.0SMDJ54A-T7</a><br>Description: TVS DIODE 54V 87.1V DO214AB     | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ5.0CA-H</a><br>Description: DIO TVS VWM 5.0V 5KW BIDIR SMC | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51CA</a><br>Description: TVS DIODE 51V 82.4V DO214AB       | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ48CA</a><br>Description: TVS DIODE 48V 77.4V DO214AB       | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ48CA-T7</a><br>Description: TVS DIODE 48V 77.4V DO214AB    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51CA-T7</a><br>Description: TVS DIODE 51VWM 82.4VC SMD     | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51A</a><br>Description: TVS DIODE 51V 82.4V DO214AB        | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ54A M6G</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ5.0CA</a><br>Description: DIO TVS VWM 5.0V 5KW BIDIR SMC   | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51A</a><br>Description: TVS DIODE 51V 82.4V DO214AB        | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51CA</a><br>Description: DIO TVS VWM 51V 5KW BIDIR SMC     | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ54A</a><br>Description: TVS DIODE 54V 87.1V DO214AB        | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51CA-H</a><br>Description: DIO TVS VWM 51V 5KW BIDIR SMC   | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ54A</a><br>Description: TVS DIODE 54V 87.1V DO214AB        | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51AHM6G</a><br>Description: TVS DIODE 51V 82.4V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ5.0A</a><br>Description: DIO TVS VWM 5.0V 5KW UNIDIR SMC   | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ48CA</a><br>Description: TVS DIODE 48V 77.4V DO214AB       | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ48AHM6G</a><br>Description: TVS DIODE 48V 77.4V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ51A-T7</a><br>Description: TVS DIODE 51V 82.4V DO214AB     | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a> | <div>RFQ</div> |
|  | Part#: <a href="#">5.0SMDJ5.0A-H</a><br>Description: DIO TVS VWM 5.0V 5KW UNIDIR SMC | Manufacturers: <a href="#">Bourns, Inc.</a>                        | <div>RFQ</div> |

Related keywords for 5.0SMDJ51A M6G

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