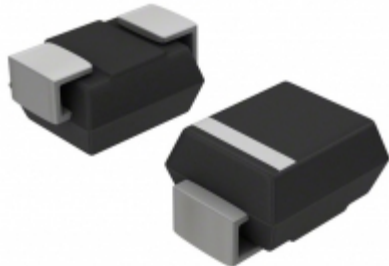


SMBJ51CATR



Images are for reference only.  
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**Part Number:** [SMBJ51CATR](#)

**Manufacturer:** [Sensitron Semiconductor / SMC Diode Solutions](#)

**Description:** TVS DIODE 51V 82.4V SMB

**Data sheet:**  [SMBJ Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                    |                                  |                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SMBJ51CATR                         | Manufacturer                     | <a href="#">Sensitron Semiconductor / SMC Diode Solutions</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TVS DIODE 51V 82.4V SMB            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 906865 pcs                         | Data sheet                       | <a href="#">SMBJ Series</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          | SMB (DO-214AA)                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                  | Power Line Protection            | No                                                            |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 600W                               | Packaging                        | Tape & Reel (TR)                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DO-214AA, SMB                      | Other Names                      | SMBJ51CATRSMC                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -55°C ~ 150°C (TJ)                 | Mounting Type                    | Surface Mount                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 6 Weeks                                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant         | Current - Peak Pulse (10/1000µs) | 7.3A                                                          |
| Capacitance @ Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                  | Bidirectional Channels           | 1                                                             |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | General Purpose                    |                                  |                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Sensitron Semiconductor / SMC Diode Solutions series electronic components. We have 906865 pieces of Sensitron Semiconductor / SMC Diode Solutions SMBJ51CATR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                    |                                  |                                                               |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                                     |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">SMBJ5333A/TR13</a><br>Description: DIODE ZENER 3.3V 5W SMBJ     | Manufacturers: <a href="#">Microsemi</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CA-QH</a><br>Description: TVS DIODE 51V 82.4V SMB         | Manufacturers: <a href="#">Bourns, Inc.</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CD-M3/I</a><br>Description: TVS DIODE 51V 81.2V DO214AA   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51D-M3/H</a><br>Description: TVS DIODE 51V 81.2V DO214AA    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CAE3/TR13</a><br>Description: TVS DIODE 51VWM 82.4VC SMBJ | Manufacturers: <a href="#">Microsemi Corporation</a>                | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CAHE3/5B</a><br>Description: TVS DIODE 51V 82.4V DO214AA  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CAHM4G</a><br>Description: TVS DIODE 51V 82.4V DO214AA    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CE3/TR13</a><br>Description: TVS DIODE 51V 91.1V DO214AA  | Manufacturers: <a href="#">Microsemi</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CA-M3/5B</a><br>Description: TVS DIODE 51V 82.4V DO214AA  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51D-M3/I</a><br>Description: TVS DIODE 51V 81.2V DO214AA    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CA-TP</a><br>Description: TVS DIODE 51VWM 82.4VC SMB      | Manufacturers: <a href="#">Micro Commercial Co</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CAHR5G</a><br>Description: TVS DIODE 51V 82.4V DO214AA    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CAHE3/52</a><br>Description: TVS DIODE 51V 82.4V DO214AA  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CD-M3/H</a><br>Description: TVS DIODE 51V 81.2V DO214AA   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CA-M3/52</a><br>Description: TVS DIODE 51V 82.4V DO214AA  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51HE3/52</a><br>Description: TVS DIODE 51VWM 91.1VC SMB     | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ5333B/TR13</a><br>Description: DIODE ZENER 3.3V 5W SMBJ     | Manufacturers: <a href="#">Microsemi</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51E3/TR13</a><br>Description: TVS DIODE 51V 91.1V DO214AA   | Manufacturers: <a href="#">Microsemi</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51CA-Q</a><br>Description: TVS DIODE 51V 82.4V SMB          | Manufacturers: <a href="#">Bourns, Inc.</a>                         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMBJ51HE3/5B</a><br>Description: TVS DIODE 51V 91.1V DO214AA    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |

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