

SMCJ54A



**Part Number:** [SMCJ54A](#)

**Manufacturer:** [Bourns, Inc.](#)

**Description:** TVS DIODE 54V 87.1V SMC

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

**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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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                    |                                  |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | SMCJ54A                            | Manufacturer                     | <a href="#">Bourns, Inc.</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | TVS DIODE 54V 87.1V SMC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 256709 pcs                         | Data sheet                       | <a href="#">SMCJ Series</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 54V                          |
| Voltage - Clamping (Max) @ Ipp                                                                                                                                                                                                                                                                                                                                                                                                                 | 87.1V                              | Voltage - Breakdown (Min)        | 60V                          |
| Unidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                  | Type                             | Zener                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                        | SMC (DO-214AB)                     | Series                           | SMCJ                         |
| Power Line Protection                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                 | Power - Peak Pulse               | 1500W (1.5kW)                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cut Tape (CT)                      | Package / Case                   | DO-214AB, SMC                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                    | SMCJ54ABCT                         | Operating Temperature            | -55°C ~ 150°C (TJ)           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                | 16 Weeks                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                               | 17.3A                              | Capacitance @ Frequency          | -                            |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                   | General Purpose                    |                                  |                              |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                                     |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">SMCJ51E3/TR13</a><br>Description: TVS DIODE 51V 91.1V DO214AB  | Manufacturers: <a href="#">Microsemi</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-HR</a><br>Description: TVS DIODE 54V 87.1V DO214AB     | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ51CHE3/57T</a><br>Description: TVS DIODE 51VWM 91.1VC SMC  | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ51HE3/57T</a><br>Description: TVS DIODE 51VWM 91.1VC SMC   | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ51CHE3/9AT</a><br>Description: TVS DIODE 51V 91.1V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-E3/9AT</a><br>Description: TVS DIODE 54V 87.1V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-13</a><br>Description: TVS DIODE 54V 87.1V SMC         | Manufacturers: <a href="#">Diodes Incorporated</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A M6G</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ51HE3/9AT</a><br>Description: TVS DIODE 51V 91.1V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-E3/57T</a><br>Description: TVS DIODE 54V 87.1V DO214AB | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A V7G</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54</a><br>Description: TVS DIODE 54V 91.46V DO214AB        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A R7G</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A V6G</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54-E3/57T</a><br>Description: TVS DIODE 54V 96.3V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54-E3/9AT</a><br>Description: TVS DIODE 54V 96.3V DO214AB  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-13-F</a><br>Description: TVS DIODE 54V 87.1V SMC       | Manufacturers: <a href="#">Diodes Incorporated</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A</a><br>Description: TVS DIODE 54V 87.1V SMC            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A</a><br>Description: TVS DIODE 54V 87.1V DO214AB        | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMCJ54A-HRA</a><br>Description: TVS DIODE 54V 87.1V DO214AB    | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |

| Related keywords for SMCJ54A |                     |                              |               |
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