

1SMC45CA TR13



**Part Number:** 1SMC45CA TR13

**Manufacturer:** Central Semiconductor

**Description:** TVS DIODE 45V 72.7V SMC

**Data sheet:**  1SMC5.0CA thru 1SMC170CA

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

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    |                                  |                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1SMC45CA TR13                      | Manufacturer                     | <a href="#">Central Semiconductor</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TVS DIODE 45V 72.7V SMC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 146628 pcs                         | Data sheet                       | <a href="#">1SMC5.0CA thru 1SMC170CA</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 45V                                                                                |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                         | 72.7V                              | Voltage - Breakdown (Min)        | 50V                                                                                |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Zener                              | Supplier Device Package          | SMC                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                  | Power Line Protection            | No                                                                                 |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1500W (1.5kW)                      | Packaging                        | Tape & Reel (TR)                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DO-214AB, SMC                      | Other Names                      | 1SMC45CA TR13 PBFREE<br>1SMC45CA TR13-TR<br>1SMC45CA TR13-TR-ND<br>1SMC45CATR13-TR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -65°C ~ 150°C (TJ)                 | Mounting Type                    | Surface Mount                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                      | Manufacturer Standard Lead Time  | 19 Weeks                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant         | Current - Peak Pulse (10/1000µs) | 20.6A                                                                              |
| Capacitance @ Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                  | Bidirectional Channels           | 1                                                                                  |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                           | General Purpose                    |                                  |                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Central Semiconductor series electronic components. We have 146628 pieces of Central Semiconductor 1SMC45CA TR13 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="#">1SMC45A TR13</a><br>Description: TVS DIODE 45V 72.7V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC43AT3</a><br>Description: TVS DIODE 43V 69.4V SMC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC51AT3</a><br>Description: TVS DIODE 51V 82.4V SMC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC5.0AT3G</a><br>Description: TVS DIODE 5V 9.2V SMC     | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC40AT3G</a><br>Description: TVS DIODE 40V 64.5V SMC    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC43AT3G</a><br>Description: TVS DIODE 43V 69.4V SMC    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC40CA TR13</a><br>Description: TVS DIODE 40V 64.5V SMC | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC45A BK</a><br>Description: TVS DIODE 45V 72.7V SMC    | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC48CA TR13</a><br>Description: TVS DIODE 48V 77.4V SMC | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC45AT3</a><br>Description: TVS DIODE 45V 72.2V SMC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC5.0AT3</a><br>Description: TVS DIODE 5V 9.2V SMC      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC40A TR13</a><br>Description: TVS DIODE 40V 64.5V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC51A TR13</a><br>Description: TVS DIODE 51V 82.4V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC43CA TR13</a><br>Description: TVS DIODE 43V 69.4V SMC | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC5.0A TR13</a><br>Description: TVS DIODE 5V 9.2V SMC   | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC48AT3G</a><br>Description: TVS DIODE 48V 77.4V SMC    | Manufacturers: <a href="#">Hamlin</a> / <a href="#">Littelfuse</a>                  | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC48A TR13</a><br>Description: TVS DIODE 48V 77.4V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC5.0A BK</a><br>Description: TVS DIODE 5V 9.2V SMC     | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
|  | Part#: <a href="#">1SMC5.0CA TR13</a><br>Description: TVS DIODE 5V 9.2V SMC  | Manufacturers: <a href="#">Central Semiconductor</a>                                | <div>RFQ</div> |
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