

SM15T82CAY





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Part Number: [SM15T82CAY](#)

Manufacturer: [STMicroelectronics](#)

Description: TVS DIODE 70V 146V SMC

Data sheet:  [SM15TY](#)

RoHs Status: Lead free / RoHS Compliant

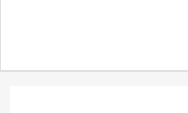
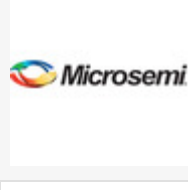
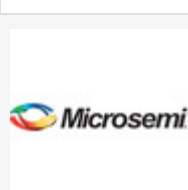
Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        |                                  |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SM15T82CAY                             | Manufacturer                     | <a href="#">STMicroelectronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                   | TVS DIODE 70V 146V SMC                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                            | 125553 pcs                             | Data sheet                       | <a href="#">SM15TY</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Circuit Protection</a>     | Voltage - Reverse Standoff (Typ) | 70V                                |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                                | 146V                                   | Voltage - Breakdown (Min)        | 77.8V                              |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Zener                                  | Supplier Device Package          | SMC                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Automotive, AEC-Q101, SM15TY, TRANSIL™ | Power Line Protection            | No                                 |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1500W (1.5kW)                          | Packaging                        | Original-Reel®                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                | DO-214AB, SMC                          | Other Names                      | 497-11787-6                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 150°C (TJ)                     | Mounting Type                    | Surface Mount                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 (Unlimited)                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                              | 69A (8/20µs)                           | Capacitance @ Frequency          | -                                  |
| Bidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                      | Applications                     | Automotive                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 125553 pieces of STMicroelectronics SM15T82CAY 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="#">SM15T7V5CA-M3/57T</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM1603CE3/TR13</a><br>Description: TVS DIODE 3.3V 9V 16SO            | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5CA-E3/57T</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5AY</a><br>Description: TVS DIODE 6.4V 14.5V SMC              | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">SM1605E3/TR13</a><br>Description: TVS DIODE 5V 11V 16SO              | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5A-M3/9AT</a><br>Description: TVS DIODE 6.4VWM 11.3VC DO214AB | Manufacturers: <a href="#">Vishay Semiconductor Diodes Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SM1603C</a><br>Description: TVS DIODE 3.3V 9V 16SO                   | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM1605/TR13</a><br>Description: TVS DIODE 5V 11V 16SO                | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM1605CE3/TR13</a><br>Description: TVS DIODE 5V 11V 16SO             | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T82AY</a><br>Description: TVS DIODE 70V 146V SMC                 | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5CAY</a><br>Description: TVS DIODE 6.4V 14.5V SMC             | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5CA-M3/9AT</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5AHE3/9AT</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM160PQ-ACTEL-1</a><br>Description: ADAPTER MODULE ANTIFUSE 160QFP   | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5CA-E3/9AT</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM1603C/TR13</a><br>Description: TVS DIODE 3.3V 9V 16SO              | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM15T7V5AHE3/57T</a><br>Description: TVS DIODE 6.4V 11.3V DO214AB    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SM1603E3/TR13</a><br>Description: TVS DIODE 3.3V 9V 16SO             | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM1605C/TR13</a><br>Description: TVS DIODE 5V 11V 16SO               | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">SM1603/TR13</a><br>Description: TVS DIODE 3.3V 9V 16SO               | Manufacturers: <a href="#">Microsemi</a>                            | <div>RFQ</div> |

Related keywords for **SM15T82CAY**

|                               |                        |                     |                  |
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