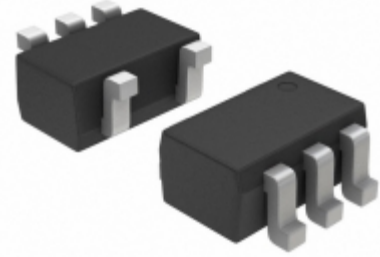


SMF05T1G



**ON Semiconductor®** 

**Part Number:** [SMF05T1G](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** TVS DIODE 5V 12.5V SC88A

**Data sheet:**  [SMF05T1](#)

**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.  
**Buy SMF05T1G with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                |                                    |                                  |                                                      |
|----------------------------------|------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                      | SMF05T1G                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                      | TVS DIODE 5V 12.5V SC88A           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available               | 451821 pcs                         | Data sheet                       | <a href="#">SMF05T1</a>                              |
| Category                         | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 5V                                                   |
| Voltage - Clamping (Max) @ Ipp   | 12.5V                              | Voltage - Breakdown (Min)        | 6V                                                   |
| Unidirectional Channels          | 4                                  | Type                             | Zener                                                |
| Supplier Device Package          | SC-88A (SC-70-5/SOT-353)           | Series                           | -                                                    |
| Power Line Protection            | No                                 | Power - Peak Pulse               | 200W                                                 |
| Packaging                        | Cut Tape (CT)                      | Package / Case                   | 5-TSSOP, SC-70-5, SOT-353                            |
| Other Names                      | SMF05T1GOSCT                       | Operating Temperature            | -55°C ~ 150°C (TJ)                                   |
| Mounting Type                    | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time  | 4 Weeks                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Current - Peak Pulse (10/1000µs) | 12A (8/20µs)                       | Capacitance @ Frequency          | 90pF @ 1MHz                                          |
| Applications                     | General Purpose                    |                                  |                                                      |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 451821 pieces of AMI Semiconductor / ON Semiconductor SMF05T1G in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">SMF100AHRQG</a><br>Description: DIODE, TVS, UNIDIRECTIONAL, 200W   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100A RQG</a><br>Description: DIODE, TVS, UNIDIRECTIONAL, 200W   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF-HM1530YD-509</a><br>Description: LED 5MM RA 585NM YEL DIFF SMD | Manufacturers: <a href="#">Lumex, Inc.</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05CT1</a><br>Description: TVS DIODE 5V 12.5V SC88               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05CT2</a><br>Description: TVS DIODE 5V 12.5V SC88               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF-LX240IID-TR</a><br>Description: LED 3MM 635NM RED DIFF RA SMD  | Manufacturers: <a href="#">Lumex, Inc.</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05CT2G</a><br>Description: TVS DIODE 5V 12.5V SC88              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100A-T13</a><br>Description: TAPE REEL - 8MM/13" TAPE           | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100AT1</a><br>Description: TVS DIODE 100V 162V SOD123FL         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05T2G</a><br>Description: TVS DIODE 5V 12.5V SC88A              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF-HM1530YD-305</a><br>Description: LED 3MM RA 585NM YEL DIFF SMD | Manufacturers: <a href="#">Lumex, Inc.</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05CT1G</a><br>Description: TVS DIODE 5V 12.5V SC88              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100AT1G</a><br>Description: TVS DIODE 100V 162V SOD123FL        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100A RVG</a><br>Description: DIODE, TVS, UNIDIRECTIONAL, 200W   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05.TCT</a><br>Description: TVS DIODE 5V 12.5V SC70-5            | Manufacturers: <a href="#">Semtech</a>                              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100AHRVG</a><br>Description: DIODE, TVS, UNIDIRECTIONAL, 200W   | Manufacturers: <a href="#">TSC (Taiwan Semiconductor)</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05C.TCT</a><br>Description: TVS DIODE 5V 12.5V SC70-6           | Manufacturers: <a href="#">Semtech</a>                              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF10A</a><br>Description: TVS DIODE 10V 17V SOD123F               | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF05T1</a><br>Description: TVS DIODE 5V 12.5V SC88A               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SMF100A</a><br>Description: TAPE REEL - 8MM/7" TAPE                | Manufacturers: <a href="#">Hamlin / Littelfuse</a>                  | <a href="#">RFQ</a> |

| Related keywords for SMF05T1G                          |                                                    |                                    |                                                       |
|--------------------------------------------------------|----------------------------------------------------|------------------------------------|-------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor SMF05T1G          | SMF05T1G distributor                               | SMF05T1G supplier                  | SMF05T1G price                                        |
| SMF05T1G download datasheet                            | SMF05T1G datasheet                                 | SMF05T1G stock                     | buy SMF05T1G                                          |
| AMI Semiconductor / ON Semiconductor SMF05T1G          | ON Semiconductor SMF05T1G                          | Aptina / ON Semiconductor SMF05T1G | Catalyst Semiconductor / ON Semiconductor<br>SMF05T1G |
| PulseCore Semiconductor / ON Semiconductor<br>SMF05T1G | Sanyo Semiconductor / ON Semiconductor<br>SMF05T1G |                                    |                                                       |