

PESD5V0V1BA,115



**Part Number:** [PESD5V0V1BA,115](#)

**Manufacturer:** [Nexperia](#)

**Description:** TVS DIODE 5V 12.5V SOD323

**Data sheet:**  [PESD5V0V1BA,BB,BL](#)

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

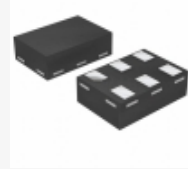
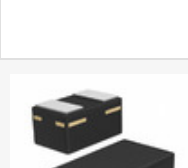
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    |                                  |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | PESD5V0V1BA,115                    | Manufacturer                     | <a href="#">Nexperia</a>                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | TVS DIODE 5V 12.5V SOD323          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 1247497 pcs                        | Data sheet                       | <a href="#">PESD5V0V1BA,BB,BL</a>                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 5V (Max)                                                                                           |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                  | 12.5V                              | Voltage - Breakdown (Min)        | 5.8V                                                                                               |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Zener                              | Supplier Device Package          | SOD-323                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | Automotive, AEC-Q101               | Power Line Protection            | No                                                                                                 |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                              | 45W                                | Packaging                        | Tape & Reel (TR)                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                  | SC-76, SOD-323                     | Other Names                      | 1727-5807-2<br>568-7357-2<br>568-7357-2-ND<br>934063244115<br>PESD5V0V1BA,115-ND<br>PESD5V0V1BA115 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                           | -55°C ~ 150°C (TA)                 | Mounting Type                    | Surface Mount                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                         |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                | 4.8A (8/20µs)                      | Capacitance @ Frequency          | 11pF @ 1MHz                                                                                        |
| Bidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                                  | Base Part Number                 | PESD*V1B                                                                                           |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                    | Automotive                         |                                  |                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nexperia series electronic components. We have 1247497 pieces of Nexperia PESD5V0V1BA,115 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="#">PESD5V0V4UF,115</a><br>Description: TVS DIODE 5V 13V 6XSON SOT886  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BSF,315</a><br>Description: TVS DIODE 5V 12.8V DSN0603-2  | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V2BMYL</a><br>Description: TVS DIODE 5V 12.5V DFN1006-3     | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BCSF,315</a><br>Description: TVS DIODE 5V 12.8V DSN0603-2 | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V2BMBYL</a><br>Description: TVS DIODE 5V 12.5V DFN1006B-3   | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U2BT,215</a><br>Description: TVS DIODE 5V SOT23             | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U5BV,115</a><br>Description: TVS DIODE 5V SOT666            | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U1UT,215</a><br>Description: TVS DIODE 5V 21V SOT23         | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BB,115</a><br>Description: TVS DIODE 5V 12.5V SOD523      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U4BF,115</a><br>Description: TVS DIODE 5V 6XSON SOT886      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BL,315</a><br>Description: TVS DIODE 5V 12.5V SOD882      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BLD,315</a><br>Description: TVS DIODE 5V 12.5V 2DFN1006D  | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1USF,315</a><br>Description: TVS DIODE 5V DSN0603-2        | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U2BMB,315</a><br>Description: TVS DIODE 5V 12V 3DFN1006B    | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U2BM,315</a><br>Description: TVS DIODE 5V SOT883            | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U5BF,115</a><br>Description: TVS DIODE 5VWM SOT886          | Manufacturers: <a href="#">Nexperia USA Inc.</a>              | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U1UCLD,315</a><br>Description: TVS DIODE SOD882             | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U1UL,315</a><br>Description: TVS DIODE 5V SOD882            | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0V1BDSF,315</a><br>Description: TVS DIODE 5V 12.8V DSN0603-2 | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PESD5V0U4BW,115</a><br>Description: TVS DIODE 5V SOT665            | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |

Related keywords for PESD5V0V1BA,115

|                                    |                                   |                          |                       |
|------------------------------------|-----------------------------------|--------------------------|-----------------------|
| Nexperia PESD5V0V1BA,115           | PESD5V0V1BA,115 distributor       | PESD5V0V1BA,115 supplier | PESD5V0V1BA,115 price |
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| Nexperia PESD5V0V1BA,115           | Nexperia USA Inc. PESD5V0V1BA,115 |                          |                       |