

MPLAD6.5KP51AE3





Part Number: [MPLAD6.5KP51AE3](#)

Manufacturer: [Microsemi Corporation](#)

Description: TVS DIODE 51VWM 82.4VC PLAD

Data sheet:

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                                                                                                                                                                                                                                                                                                                                                                                                                                     | MPLAD6.5KP51AE3                    | Manufacturer                     | <a href="#">Microsemi Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | TVS DIODE 51VWM 82.4VC PLAD        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 18167 pcs                          | Data sheet                       |                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Circuit Protection</a> | Voltage - Reverse Standoff (Typ) | 1                                     |
| Voltage - Clamping (Max) @ 1pp                                                                                                                                                                                                                                                                                                                                                                                                                  | 56.7V                              | Voltage - Breakdown (Min)        | 51V                                   |
| Voltage - Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                             | PLAD                               | Type                             | Zener                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                  | RoHS Status                      | Bulk                                  |
| Ripple Current - Low Frequency                                                                                                                                                                                                                                                                                                                                                                                                                  | General Purpose                    | Power Line Protection            | 6500W (6.5kW)                         |
| Power - Peak Pulse                                                                                                                                                                                                                                                                                                                                                                                                                              | 78.8A                              | Polarization                     | Nonstandard SMD                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1086-7617<br>1086-7617-MIL         | Operating Temperature            | -55°C ~ 150°C (TJ)                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                      | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                         |
| Manufacturer Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | MPLAD6.5KP51AE3                    | Description                      | TVS DIODE 51VWM 82.4VC PLAD           |
| Current - Peak Pulse (10/1000µs)                                                                                                                                                                                                                                                                                                                                                                                                                | 82.4V                              | Capacitance @ Frequency          | -                                     |
| Bidirectional Channels                                                                                                                                                                                                                                                                                                                                                                                                                          | No                                 |                                  |                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 18167 pieces of Microsemi MPLAD6.5KP51AE3 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="#">MPLAD6.5KP54CAE3</a><br>Description: TVS DIODE 54VWM 87.1VC PLAD | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP48CAE3/TR</a><br>Description: TVS                      | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP51CA</a><br>Description: TVS DIODE 51VWM 82.4VC PLAD   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP58AE3</a><br>Description: TVS DIODE 58VWM 93.6VC PLAD  | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP45A</a><br>Description: TVS DIODE 45V 72.7V PLAD       | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP48AE3</a><br>Description: TVS DIODE 48V 77.4V PLAD     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP54CA</a><br>Description: TVS DIODE 54VWM 87.1VC PLAD   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP58A</a><br>Description: TVS DIODE 58VWM 93.6VC PLAD    | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP51CAE3</a><br>Description: TVS DIODE 51VWM 82.4VC PLAD | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP58CAE3</a><br>Description: TVS DIODE 58VWM 93.6VC PLAD | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP48CAE3</a><br>Description: TVS DIODE 48V 77.4V PLAD    | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP54AE3</a><br>Description: TVS DIODE 54VWM 87.1VC PLAD  | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP51A</a><br>Description: TVS DIODE 51VWM 82.4VC PLAD    | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP54A</a><br>Description: TVS DIODE 54VWM 87.1VC PLAD    | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP45CA</a><br>Description: TVS DIODE 45V 72.7V PLAD      | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP48A</a><br>Description: TVS DIODE 48V 77.4V PLAD       | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP45CAE3</a><br>Description: TVS DIODE 45V 72.7V PLAD    | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP58CA</a><br>Description: TVS DIODE 58VWM 93.6VC PLAD   | Manufacturers: <a href="#">Microsemi Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP48CA</a><br>Description: TVS DIODE 48V 77.4V PLAD      | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">MPLAD6.5KP45AE3</a><br>Description: TVS DIODE 45V 72.7V PLAD     | Manufacturers: <a href="#">Microsemi</a>             | <div>RFQ</div> |

Related keywords for MPLAD6.5KP51AE3

|                                        |                                              |                                           |                                          |
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