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|    | <p><b>1N3645</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">1N3645</a></p>   |
|  <p>Not Actual Photo<br/>YIC International Co., Limited.</p> | <p><b>Manufacturer/Brand:</b> <a href="#">Semtech</a></p>  |
|   | <p><b>Part of Description:</b> DIODE GEN PURP 2KV 600MA AXIAL</p>  |
| <p>Image may be representation.<br/>See specs for product details.</p>  | <p><b>Datasheets:</b>  <a href="#">1N3645.pdf</a></p> |
|   | <p><b>RoHs Status:</b></p>   |
|   | <p><b>Stock Condition:</b> New original, Stock Available.</p>  |
|   | <p><b>Ship From:</b> Hong Kong</p>   |
|   | <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>  |

Specifications

|                                   |  |
|-----------------------------------|--|
| Part Number                       | 1N3645   |
| Manufacturer                      | Semtech  |
| Description                       | DIODE GEN PURP 2KV 600MA AXIAL   |
| Category                          | <a href="#">Discrete Semiconductor Products &gt; Diodes - Rectifiers -</a> |
| Part Status                       | <a href="#">Require For Quote &amp; Check Stock</a>                        |
| Voltage - Forward (Vf) (Max) @ If | 5V @ 250mA   |
| Voltage - DC Reverse (Vr) (Max)   | 2000V  |
| Supplier Device Package           | Axial  |
| Speed                             | Standard Recovery >500ns, > 200mA (Io)                                     |
| Series                            | -  |
| Reverse Recovery Time (trr)       | 2.5µs  |
| Packaging                         | Bulk   |
| Package / Case                    | Axial  |
| Other Names                       | 1N3645S  |
| Operating Temperature - Junction  | -65°C ~ 175°C  |
| Mounting Type                     | Through Hole   |
| Manufacturer Standard Lead Time   | 12 Weeks   |
| Diode Type                        | Standard   |
| Detailed Description              | Diode Standard 2000V 600mA Through Hole Axial                              |
| Current - Reverse Leakage @ Vr    | 1µA @ 2000V  |
| Current - Average Rectified (Io)  | 600mA  |
| Capacitance @ Vr, F               | 8pF @ 5V, 1MHz   |

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