

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

**BROADCOM**  
connecting everything

5962-8981001YC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5962-8981001YC                                                                                               |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISOLATOR 1.5KV DARL 8DIP BJ                                                                              |
| Datasheets:         |  5962-8981001YC.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1328 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 5962-8981001YC

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5962-8981001YC                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                  |
| DESCRIPTION                      | OPTOISOLATOR 1.5KV DARL 8DIP BJ                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 1328 pcs                                                                                               |
| DATA SHEET                       |  5962-8981001YC.pdf |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                                                                    |
| VOLTAGE - ISOLATION              | 1500VDC                                                                                                |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.4V                                                                                                   |
| VCE SATURATION (MAX)             | 110mV                                                                                                  |
| TURN ON / TURN OFF TIME (TYP)    | 2µs, 8µs                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 8-DIP Butt Joint                                                                                       |
| SERIES                           | -                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                      |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 8-SMD Butt Joint                                                                                       |
| OUTPUT TYPE                      | Darlington                                                                                             |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS               | 1                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INPUT TYPE                       | DC                                                                                                     |
| DETAILED DESCRIPTION             | Optoisolator Darlington Output 1500VDC 1 Channel 8-DIP Butt Joint                                      |
| CURRENT TRANSFER RATIO (MIN)     | 200% @ 5mA                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | -                                                                                                      |
| CURRENT - OUTPUT / CHANNEL       | 40mA                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 10mA                                                                                                   |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) 5962-8981001YC | 5962-8981001YC Distributor                           | 5962-8981001YC Supplier                                  |
| 5962-8981001YC Price                                 | 5962-8981001YC Pictures                              | 5962-8981001YC Image                                     |
| 5962-8981001YC PDF Datasheet                         | 5962-8981001YC Download Datasheet                    | 5962-8981001YC Datasheet                                 |
| 5962-8981001YC Stock                                 | Buy 5962-8981001YC                                   | Buy Avago Technologies (Broadcom Limited) 5962-8981001YC |
| Avago Technologies (Broadcom Limited) 5962-8981001YC | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) 5962-8981001YC | Avago Technologies Limited 5962-8981001YC            | Avago Technologies US Inc. 5962-8981001YC                |
| Avago Technologies 5962-8981001YC                    | Avago Technologies (Broadcom Limited) 5962-8981001YC | Broadcom Limited 5962-8981001YC                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                           |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981002KPC</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV DARLINGTON 8-DIP<br/>In stock: 215 pcs</div> <div>RFQ</div>   | <div><b>ANALOG DEVICES</b><br/><small>AHEAD OF WHAT'S POSSIBLE™</small></div> <div><b>5962-8980801LA</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC 12BIT MONO HS 24CERDIP<br/>In stock: 232 pcs</div> <div>RFQ</div>       |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981002KPA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV DARLINGTON 8-DIP<br/>In stock: 202 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981001YA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 1.5KV DARL 8DIP BJ<br/>In stock: 1106 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981002KYC</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 1.5KV DARL 8DIP BJ<br/>In stock: 221 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981002KYA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 1.5KV DARL 8DIP BJ<br/>In stock: 239 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981001PA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV DARLINGTON 8-DIP<br/>In stock: 1351 pcs</div> <div>RFQ</div>   | <div></div> <div><b>5962-8982401PA</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC VREF SERIES PREC 5V 8CERDIP<br/>In stock: 3527 pcs</div> <div>RFQ</div>                                                                       |
| <div><b>ANALOG DEVICES</b><br/><small>AHEAD OF WHAT'S POSSIBLE™</small></div> <div><b>5962-8980901EA</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MULT/DIVIDER 2CH 16CERDIP<br/>In stock: 361 pcs</div> <div>RFQ</div>        | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981001PC</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV DARLINGTON 8-DIP<br/>In stock: 1371 pcs</div> <div>RFQ</div>   |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981001XA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 1.5KV DARLNG 8-DIP GW<br/>In stock: 1437 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981002KXA</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 1.5KV DARLNG 8-DIP GW<br/>In stock: 219 pcs</div> <div>RFQ</div> |