

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

**BROADCO**  
connecting everything

5962-8981001PA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5962-8981001PA                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 1.5KV DARLINGTON 8-DIP                                                                                       |
| Datasheets:         |  5962-8981001PA.pdf                 |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 1351 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of 5962-8981001PA

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5962-8981001PA                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                  |
| DESCRIPTION                      | OPTOISO 1.5KV DARLINGTON 8-DIP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                     |
| QUANTITY AVAILABLE               | 1351 pcs                                                                                               |
| DATA SHEET                       |  5962-8981001PA.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                                                                                                  |
| SERIES                           | -                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                      |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                 |
| OUTPUT TYPE                      | Darlington                                                                                             |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                          |
| NUMBER OF CHANNELS               | 1                                                                                                      |
| MOUNTING TYPE                    | Through Hole                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                     |
| INPUT TYPE                       | DC                                                                                                     |
| DETAILED DESCRIPTION             | Optoisolator Darlington Output 1500VDC 1 Channel 8-DIP                                                 |
| 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) 5962-8981001PA | 5962-8981001PA Distributor                           | 5962-8981001PA Supplier                                  |
| 5962-8981001PA Price                                 | 5962-8981001PA Pictures                              | 5962-8981001PA Image                                     |
| 5962-8981001PA PDF Datasheet                         | 5962-8981001PA Download Datasheet                    | 5962-8981001PA Datasheet                                 |
| 5962-8981001PA Stock                                 | Buy 5962-8981001PA                                   | Buy Avago Technologies (Broadcom Limited) 5962-8981001PA |
| Avago Technologies (Broadcom Limited) 5962-8981001PA | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) 5962-8981001PA | Avago Technologies Limited 5962-8981001PA            | Avago Technologies US Inc. 5962-8981001PA                |
| Avago Technologies 5962-8981001PA                    | Avago Technologies (Broadcom Limited) 5962-8981001PA | Broadcom Limited 5962-8981001PA                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                           |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>5962-8981001YC</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 1.5KV DARL 8DIP BJ<br/>In stock: 1328 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>ANALOG DEVICES</b><br/><small>AHEAD OF WHAT'S POSSIBLE™</small></div> <div><b>5962-8980501CA</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TRUE RMS/DC CONV 14CDIP<br/>In stock: 522 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>ANALOG DEVICES</b><br/><small>AHEAD OF WHAT'S POSSIBLE™</small></div> <div><b>5962-8980701RA</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOD/DEMOD BAL 2MHZ 20CERDIP<br/>In stock: 628 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>5962-8981001PC</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>ANALOG DEVICES</b><br/><small>AHEAD OF WHAT'S POSSIBLE™</small></div> <div><b>5962-89805011A</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TRUE RMS/DC CONV TO-100-10<br/>In stock: 676 pcs</div> <div>RFQ</div>      | <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>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>5962-89807012A</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOD/DEMOD BAL 2MHZ 20CLCC<br/>In stock: 531 pcs</div> <div>RFQ</div>                                                                                      |