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Avago Technologies (Broadcom



Image may be representation. See specifications for product details.

HCPL-0631

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-0631                                                                                                            |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 2CH OPEN COLL 8SO                                                                                     |
| Datasheets:         |  <a href="#">HCPL-0631.pdf</a>      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 13544 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HCPL-0631

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-0631                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                             |
| DESCRIPTION                          | OPTOISO 3.75KV 2CH OPEN COLL 8SO                                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                |
| QUANTITY AVAILABLE                   | 13544 pcs                                                                                                         |
| DATA SHEET                           |  <a href="#">HCPL-0631.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                                     |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                              |
| SUPPLIER DEVICE PACKAGE              | 8-SO Tall                                                                                                         |
| SERIES                               | -                                                                                                                 |
| RISE / FALL TIME (TYP)               | 24ns, 10ns                                                                                                        |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 100ns, 100ns                                                                                                      |
| PACKAGING                            | Tube                                                                                                              |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                          | Open Collector, Schottky Clamped                                                                                  |
| OTHER NAMES                          | 516-1091-5                                                                                                        |
| OPERATING TEMPERATURE                | -40°C ~ 85°C                                                                                                      |
| NUMBER OF CHANNELS                   | 2                                                                                                                 |
| MOUNTING TYPE                        | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                               |
| INPUT TYPE                           | DC                                                                                                                |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 10MBd Open Collector, Schottky Clamped 3750Vrms 2 Channel 10kV/μs CMTI 8-SO Tall        |
| DATA RATE                            | 10MBd                                                                                                             |
| CURRENT - OUTPUT / CHANNEL           | 50mA                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 15mA                                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                           |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-0631 | HCPL-0631 Distributor                           | HCPL-0631 Supplier                                  |
| HCPL-0631 Price                                 | HCPL-0631 Pictures                              | HCPL-0631 Image                                     |
| HCPL-0631 PDF Datasheet                         | HCPL-0631 Download Datasheet                    | HCPL-0631 Datasheet                                 |
| HCPL-0631 Stock                                 | Buy HCPL-0631                                   | Buy Avago Technologies (Broadcom Limited) HCPL-0631 |
| Avago Technologies (Broadcom Limited) HCPL-0631 | Avago Technologies (Broadcom Limited) Supplier  | Avago Technologies (Broadcom Limited) Distributor   |
| Avago Technologies (Broadcom Limited) HCPL-0631 | Avago Technologies Limited HCPL-0631            | Avago Technologies US Inc. HCPL-0631                |
| Avago Technologies HCPL-0631                    | Avago Technologies (Broadcom Limited) HCPL-0631 | Broadcom Limited HCPL-0631                          |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>HCPL-063A-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 12685 pcs<br/><b>RFQ</b></div> |  <div><b>HCPL-0630</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 13286 pcs<br/><b>RFQ</b></div>      |
|  <div><b>HCPL-0631-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 46024 pcs<br/><b>RFQ</b></div> |  <div><b>HCPL-0631-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 22361 pcs<br/><b>RFQ</b></div> |
|  <div><b>HCPL-0631#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 34197 pcs<br/><b>RFQ</b></div>  |  <div><b>HCPL-0630-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 19839 pcs<br/><b>RFQ</b></div> |
|  <div><b>HCPL-063A</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 20214 pcs<br/><b>RFQ</b></div>      |  <div><b>HCPL-0630-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 54535 pcs<br/><b>RFQ</b></div> |
|  <div><b>HCPL-061N-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 67770 pcs<br/><b>RFQ</b></div> |  <div><b>HCPL-063A#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 23311 pcs<br/><b>RFQ</b></div>  |
|  <div><b>HCPL-0630#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 33493 pcs<br/><b>RFQ</b></div>  |  <div><b>HCPL-061N-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 27515 pcs<br/><b>RFQ</b></div> |