

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

**BROADCO**  
connecting everything

HCPL-5431

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-5431                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                           |
| Product description | OPTOISO 1.5KV 2CH PUSH PULL 8DIP                                                                                |
| Datasheets:         |  <a href="#">HCPL-5431.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 802 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of HCPL-5431

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-5431                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                             |
| DESCRIPTION                          | OPTOISO 1.5KV 2CH PUSH PULL 8DIP                                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE                   | 802 pcs                                                                                                           |
| DATA SHEET                           |  <a href="#">HCPL-5431.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.75 V ~ 5.25 V                                                                                                   |
| VOLTAGE - ISOLATION                  | 1500VDC                                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.35V                                                                                                             |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                                             |
| SERIES                               | -                                                                                                                 |
| RISE / FALL TIME (TYP)               | 15ns, 10ns                                                                                                        |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns                                                                                                        |
| PACKAGING                            | Tube                                                                                                              |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                                            |
| OUTPUT TYPE                          | Push-Pull, Totem Pole                                                                                             |
| OPERATING TEMPERATURE                | -55°C ~ 125°C                                                                                                     |
| NUMBER OF CHANNELS                   | 2                                                                                                                 |
| MOUNTING TYPE                        | Through Hole                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                        |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                               |
| INPUT TYPE                           | DC                                                                                                                |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 40Mbps Push-Pull, Totem Pole 1500VDC 2 Channel 500V/μs CMTI 8-DIP                       |
| DATA RATE                            | 40Mbps                                                                                                            |
| CURRENT - OUTPUT / CHANNEL           | 25mA                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 10mA                                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 500V/μs                                                                                                           |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-5431 | HCPL-5431 Distributor                           | HCPL-5431 Supplier                                  |
| HCPL-5431 Price                                 | HCPL-5431 Pictures                              | HCPL-5431 Image                                     |
| HCPL-5431 PDF Datasheet                         | HCPL-5431 Download Datasheet                    | HCPL-5431 Datasheet                                 |
| HCPL-5431 Stock                                 | Buy HCPL-5431                                   | Buy Avago Technologies (Broadcom Limited) HCPL-5431 |
| Avago Technologies (Broadcom Limited) HCPL-5431 | Avago Technologies (Broadcom Limited) Supplier  | Avago Technologies (Broadcom Limited) Distributor   |
| Avago Technologies (Broadcom Limited) HCPL-5431 | Avago Technologies Limited HCPL-5431            | Avago Technologies US Inc. HCPL-5431                |
| Avago Technologies HCPL-5431                    | Avago Technologies (Broadcom Limited) HCPL-5431 | Broadcom Limited HCPL-5431                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                         |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5430#200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8DIP<br/>In stock: 1146 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5430#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV PUSH PULL 8DIP GW<br/>In stock: 1146 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-540K-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRI-STATE 8DIP GW<br/>In stock: 236 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5431#200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8DIP<br/>In stock: 687 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-543K-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8SMD<br/>In stock: 166 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5431#100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8SMD<br/>In stock: 722 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5430#100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8SMD<br/>In stock: 1032 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5431#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV PUSH PULL 8DIP GW<br/>In stock: 679 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-543K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8DIP<br/>In stock: 210 pcs</div> <div>RFQ</div>      | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-5430</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8DIP<br/>In stock: 969 pcs</div> <div>RFQ</div>     |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-540K-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRI-STATE 8SMD<br/>In stock: 212 pcs</div> <div>RFQ</div>      | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-543K#200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH PUSH PULL 8DIP<br/>In stock: 176 pcs</div> <div>RFQ</div> |