

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

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Image may be representation. See specifications for product details.

HCPL-J456

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-J456                                                                                                            |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV OPEN COLL 8DIP                                                                                        |
| Datasheets:         |  <a href="#">HCPL-J456.pdf</a>      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 43642 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HCPL-J456

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-J456                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                             |
| DESCRIPTION                          | OPTOISO 3.75KV OPEN COLL 8DIP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                |
| QUANTITY AVAILABLE                   | 43642 pcs                                                                                                         |
| DATA SHEET                           |  <a href="#">HCPL-J456.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 30 V                                                                                                      |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                          |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.6V                                                                                                              |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                                             |
| SERIES                               | -                                                                                                                 |
| RISE / FALL TIME (TYP)               | -                                                                                                                 |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 550ns, 480ns                                                                                                      |
| PACKAGING                            | Tube                                                                                                              |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                                            |
| OUTPUT TYPE                          | Open Collector, Schottky Clamped                                                                                  |
| OPERATING TEMPERATURE                | -40°C ~ 100°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                                                                                |
| INPUTS - SIDE 1/SIDE 2               | 1/0                                                                                                               |
| INPUT TYPE                           | DC                                                                                                                |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator Open Collector, Schottky Clamped 3750Vrms 1 Channel 15kV/μs CMT1 8-DIP                  |
| DATA RATE                            | -                                                                                                                 |
| CURRENT - OUTPUT / CHANNEL           | 15mA                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                              |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 15kV/μs                                                                                                           |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-J456 | HCPL-J456 Distributor                           | HCPL-J456 Supplier                                  |
| HCPL-J456 Price                                 | HCPL-J456 Pictures                              | HCPL-J456 Image                                     |
| HCPL-J456 PDF Datasheet                         | HCPL-J456 Download Datasheet                    | HCPL-J456 Datasheet                                 |
| HCPL-J456 Stock                                 | Buy HCPL-J456                                   | Buy Avago Technologies (Broadcom Limited) HCPL-J456 |
| Avago Technologies (Broadcom Limited) HCPL-J456 | Avago Technologies (Broadcom Limited) Supplier  | Avago Technologies (Broadcom Limited) Distributor   |
| Avago Technologies (Broadcom Limited) HCPL-J456 | Avago Technologies Limited HCPL-J456            | Avago Technologies US Inc. HCPL-J456                |
| Avago Technologies HCPL-J456                    | Avago Technologies (Broadcom Limited) HCPL-J456 | Broadcom Limited HCPL-J456                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                           |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J456#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br/>In stock: 42790 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8SMD<br/>In stock: 93342 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J456-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br/>In stock: 85161 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454-600E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8SMD<br/>In stock: 82163 pcs</div> <div>RFQ</div>  |
| <div><b>HCPL-M452</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 6SOIC<br/>In stock: 76372 pcs</div> <div>RFQ</div>                                                                            | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J456#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br/>In stock: 44584 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J456-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPEN COLL 8DIP<br/>In stock: 30428 pcs</div> <div>RFQ</div>    | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454-400E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8SMD<br/>In stock: 90052 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J456-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPEN COLL 8DIP GW<br/>In stock: 87126 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8DIP<br/>In stock: 30470 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8SMD<br/>In stock: 36625 pcs</div> <div>RFQ</div>    | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-J454-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV TRANSISTOR 8SMD<br/>In stock: 91982 pcs</div> <div>RFQ</div>  |