

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

**BROADCOM**  
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HCPL-6550

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-6550                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                           |
| Product description | OPTOISO 1.5KV TRANS W/BASE 16DFF                                                                                |
| Datasheets:         |  <a href="#">HCPL-6550.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

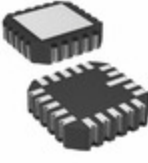
Specifications of HCPL-6550

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-6550                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                             |
| DESCRIPTION                      | OPTOISO 1.5KV TRANS W/BASE 16DFF                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| DATA SHEET                       |  <a href="#">HCPL-6550.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                                                                               |
| VOLTAGE - ISOLATION              | 1500VDC                                                                                                           |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.55V                                                                                                             |
| VCE SATURATION (MAX)             | -                                                                                                                 |
| TURN ON / TURN OFF TIME (TYP)    | 400ns, 1µs                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 16-Flatpack                                                                                                       |
| SERIES                           | -                                                                                                                 |
| RISE / FALL TIME (TYP)           | -                                                                                                                 |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 16-Flatpack                                                                                                       |
| OUTPUT TYPE                      | Transistor with Base                                                                                              |
| OTHER NAMES                      | 516-4260<br>HCPL-6550-ND                                                                                          |
| OPERATING TEMPERATURE            | -55°C ~ 125°C                                                                                                     |
| NUMBER OF CHANNELS               | 4                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| INPUT TYPE                       | DC                                                                                                                |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 1500VDC 4 Channel 16-Flatpack                                            |
| CURRENT TRANSFER RATIO (MIN)     | 9% @ 16mA                                                                                                         |
| CURRENT TRANSFER RATIO (MAX)     | -                                                                                                                 |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                                               |
| CURRENT - DC FORWARD (IF) (MAX)  | 20mA                                                                                                              |

Related Tags

|                                                 |                                                 |                                                     |
|-------------------------------------------------|-------------------------------------------------|-----------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-6550 | HCPL-6550 Distributor                           | HCPL-6550 Supplier                                  |
| HCPL-6550 Price                                 | HCPL-6550 Pictures                              | HCPL-6550 Image                                     |
| HCPL-6550 PDF Datasheet                         | HCPL-6550 Download Datasheet                    | HCPL-6550 Datasheet                                 |
| HCPL-6550 Stock                                 | Buy HCPL-6550                                   | Buy Avago Technologies (Broadcom Limited) HCPL-6550 |
| Avago Technologies (Broadcom Limited) HCPL-6550 | Avago Technologies (Broadcom Limited) Supplier  | Avago Technologies (Broadcom Limited) Distributor   |
| Avago Technologies (Broadcom Limited) HCPL-6550 | Avago Technologies Limited HCPL-6550            | Avago Technologies US Inc. HCPL-6550                |
| Avago Technologies HCPL-6550                    | Avago Technologies (Broadcom Limited) HCPL-6550 | Broadcom Limited HCPL-6550                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                       |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-6430</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV PUSH PULL 20LCCC<br/>In stock: 43 pcs</div> <div>RFQ</div>      | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-6551</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 16DFF<br/>In stock: 13 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-653K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE CLCC<br/>In stock: Out stock</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-6650</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV OPEN COLL 16FLATPK<br/>In stock: 33 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-6631</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPN COL 20LCCC<br/>In stock: Out stock</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-663K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPN COL 20LCCC<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-655K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 16DFF<br/>In stock: Out stock</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-6431</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV PUSH PULL 20LCCC<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-643K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV PUSH PULL 20LCCC<br/>In stock: Out stock</div> <div>RFQ</div>   | <div><b>HCPL-6531</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE CLCC<br/>In stock: 50 pcs</div> <div>RFQ</div>                                                                          |
| <div><b>HCPL-6630</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPN COL 20LCCC<br/>In stock: 48 pcs</div> <div>RFQ</div>                                                                         | <div><b>HCPL-6530</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE CLCC<br/>In stock: 57 pcs</div> <div>RFQ</div>                                                                          |