

**BROADCOM**  
connecting everything+

Avago Technologies (Broadcom Limited)

**BROADCO**  
connecting everything

HCPL-563K-100

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-563K-100                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                               |
| Product description | OPTOISO 1.5KV 2CH OPEN COLL 8SMD                                                                                    |
| Datasheets:         |  <a href="#">HCPL-563K-100.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 231 pcs stock                                                                                                       |
| 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-563K-100

|                                      |                                                                                                                       |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-563K-100                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                 |
| DESCRIPTION                          | OPTOISO 1.5KV 2CH OPEN COLL 8SMD                                                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE                   | 231 pcs                                                                                                               |
| DATA SHEET                           |  <a href="#">HCPL-563K-100.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                                         |
| VOLTAGE - ISOLATION                  | 1500VDC                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                                  |
| SUPPLIER DEVICE PACKAGE              | 8-SMD                                                                                                                 |
| SERIES                               | -                                                                                                                     |
| RISE / FALL TIME (TYP)               | 35ns, 35ns                                                                                                            |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 100ns, 100ns                                                                                                          |
| PACKAGING                            | Tube                                                                                                                  |
| PACKAGE / CASE                       | 8-SMD Butt Joint                                                                                                      |
| OUTPUT TYPE                          | Open Collector, Schottky Clamped                                                                                      |
| OPERATING TEMPERATURE                | -55°C ~ 125°C                                                                                                         |
| NUMBER OF CHANNELS                   | 2                                                                                                                     |
| MOUNTING TYPE                        | Surface Mount, Butt Joint                                                                                             |
| 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 10MBd Open Collector, Schottky Clamped 1500VDC 2 Channel 1kV/μs CMTI 8-SMD                  |
| DATA RATE                            | 10MBd                                                                                                                 |
| CURRENT - OUTPUT / CHANNEL           | 25mA                                                                                                                  |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                                  |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 1kV/μs                                                                                                                |

Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-563K-100 | HCPL-563K-100 Distributor                           | HCPL-563K-100 Supplier                                  |
| HCPL-563K-100 Price                                 | HCPL-563K-100 Pictures                              | HCPL-563K-100 Image                                     |
| HCPL-563K-100 PDF Datasheet                         | HCPL-563K-100 Download Datasheet                    | HCPL-563K-100 Datasheet                                 |
| HCPL-563K-100 Stock                                 | Buy HCPL-563K-100                                   | Buy Avago Technologies (Broadcom Limited) HCPL-563K-100 |
| Avago Technologies (Broadcom Limited) HCPL-563K-100 | Avago Technologies (Broadcom Limited) Supplier      | Avago Technologies (Broadcom Limited) Distributor       |
| Avago Technologies (Broadcom Limited) HCPL-563K-100 | Avago Technologies Limited HCPL-563K-100            | Avago Technologies US Inc. HCPL-563K-100                |
| Avago Technologies HCPL-563K-100                    | Avago Technologies (Broadcom Limited) HCPL-563K-100 | Broadcom Limited HCPL-563K-100                          |

Related Products

|                                                                                                                                             |                                                                                                                                                                   |                                                                                                                                              |                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5650</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 2.5KV 2CH OPEN COLL 8DIP<br>In stock: 986 pcs<br><b>RFQ</b>      |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5700</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV DARLINGTON 8-DIP<br>In stock: 1347 pcs<br><b>RFQ</b>       |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5631</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV 2CH OPEN COLL 8DIP<br>In stock: 1241 pcs<br><b>RFQ</b>     |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5651</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 2.5KV 2CH OPEN COLL 8DIP<br>In stock: 978 pcs<br><b>RFQ</b>      |
|                                                           | <b>HCPL-5631#300</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV OPEN COLL 8DIP GW<br>In stock: 1257 pcs<br><b>RFQ</b>  |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-563K</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV 2CH OPEN COLL 8DIP<br>In stock: 205 pcs<br><b>RFQ</b>      |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-563K#200</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV 2CH OPEN COLL 8DIP<br>In stock: 231 pcs<br><b>RFQ</b>  |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5631#100</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV 2CH OPEN COLL 8SMD<br>In stock: 1144 pcs<br><b>RFQ</b> |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5631#200</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV 2CH OPEN COLL 8DIP<br>In stock: 1076 pcs<br><b>RFQ</b> |                                                           | <b>HCPL-563K-300</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 1.5KV OPEN COLL 8DIP GW<br>In stock: 261 pcs<br><b>RFQ</b>   |
|  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5650#200</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 2.5KV 2CH OPEN COLL 8DIP<br>In stock: 1119 pcs<br><b>RFQ</b> |  <b>BROADCOM</b><br><small>connecting everything+</small> | <b>HCPL-5651#200</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 2.5KV 2CH OPEN COLL 8DIP<br>In stock: 1018 pcs<br><b>RFQ</b> |