

**BROADCOM**  
connecting everything

Avago Technologies (Broadcom Limited)

**BROADCO**  
connecting everything

HCPL-2503#300

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-2503#300                                                                                                        |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISOLTR 3.75KV TRANS 8-DIP GW                                                                                     |
| Datasheets:         |  <a href="#">HCPL-2503#300.pdf</a>  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 90095 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-2503#300

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-2503#300                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                                 |
| DESCRIPTION                      | OPTOISOLTR 3.75KV TRANS 8-DIP GW                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| QUANTITY AVAILABLE               | 90095 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">HCPL-2503#300.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 7V                                                                                                                    |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.5V                                                                                                                  |
| VCE SATURATION (MAX)             | -                                                                                                                     |
| TURN ON / TURN OFF TIME (TYP)    | 1µs, 1.5µs                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 8-DIP Gull Wing                                                                                                       |
| SERIES                           | -                                                                                                                     |
| RISE / FALL TIME (TYP)           | -                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                      |
| OUTPUT TYPE                      | Transistor with Base                                                                                                  |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                         |
| NUMBER OF CHANNELS               | 1                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| INPUT TYPE                       | DC                                                                                                                    |
| DETAILED DESCRIPTION             | Optoisolator Transistor with Base Output 3750Vrms 1 Channel 8-DIP Gull Wing                                           |
| CURRENT TRANSFER RATIO (MIN)     | 15% @ 8mA                                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | -                                                                                                                     |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                                                                                  |

Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-2503#300 | HCPL-2503#300 Distributor                           | HCPL-2503#300 Supplier                                  |
| HCPL-2503#300 Price                                 | HCPL-2503#300 Pictures                              | HCPL-2503#300 Image                                     |
| HCPL-2503#300 PDF Datasheet                         | HCPL-2503#300 Download Datasheet                    | HCPL-2503#300 Datasheet                                 |
| HCPL-2503#300 Stock                                 | Buy HCPL-2503#300                                   | Buy Avago Technologies (Broadcom Limited) HCPL-2503#300 |
| Avago Technologies (Broadcom Limited) HCPL-2503#300 | Avago Technologies (Broadcom Limited) Supplier      | Avago Technologies (Broadcom Limited) Distributor       |
| Avago Technologies (Broadcom Limited) HCPL-2503#300 | Avago Technologies Limited HCPL-2503#300            | Avago Technologies US Inc. HCPL-2503#300                |
| Avago Technologies HCPL-2503#300                    | Avago Technologies (Broadcom Limited) HCPL-2503#300 | Broadcom Limited HCPL-2503#300                          |

Related Products

|                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                     |
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|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-250L</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8DIP<br>In stock: 120407 pcs<br><b>RFQ</b>     |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2502-000E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8DIP<br>In stock: 34296 pcs<br><b>RFQ</b>  |
|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-250L#500</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8SMD<br>In stock: 113398 pcs<br><b>RFQ</b> |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2503#320</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV TRANS 8DIP GULL WING<br>In stock: 85568 pcs<br><b>RFQ</b>   |
|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2502-020E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 5KV TRANS W/BASE 8DIP<br>In stock: 110005 pcs<br><b>RFQ</b>   |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2502-300E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8SMD<br>In stock: 92533 pcs<br><b>RFQ</b>  |
|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2502-500E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8SMD<br>In stock: 90948 pcs<br><b>RFQ</b> |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2503#020</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISOLATOR 5KV TRANSISTOR 8DIP<br>In stock: 76206 pcs<br><b>RFQ</b>   |
|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2503-000E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8DIP<br>In stock: 35149 pcs<br><b>RFQ</b> |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2503#500</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISOLTR 3.75KV TRANS 8-DIP GW<br>In stock: 84901 pcs<br><b>RFQ</b>   |
|  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-2503</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8DIP<br>In stock: 78205 pcs<br><b>RFQ</b>      |  <b>BROADCOM</b><br><small>connecting everything</small><br><b>HCPL-250L-000E</b><br>Manufacturers: Avago Technologies (Broadcom Limited)<br>Description: OPTOISO 3.75KV TRANS W/BASE 8DIP<br>In stock: 163253 pcs<br><b>RFQ</b> |