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Avago Technologies (Broadcom Limited)

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### HCPL-253L-500E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-253L-500E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 2CH TRANS 8DIP GW                                                                                     |
| Datasheets:         |  <a href="#">HCPL-253L-500E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 68875 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-253L-500E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-253L-500E                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                      | OPTOISO 3.75KV 2CH TRANS 8DIP GW                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 68875 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">HCPL-253L-500E.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 7V                                                                                                                     |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.5V                                                                                                                   |
| VCE SATURATION (MAX)             | -                                                                                                                      |
| TURN ON / TURN OFF TIME (TYP)    | 200ns, 600ns                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 8-DIP Gull Wing                                                                                                        |
| SERIES                           | -                                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                       |
| OUTPUT TYPE                      | Transistor                                                                                                             |
| OTHER NAMES                      | 516-4050-2<br>HCPL-253L-500E-ND                                                                                        |
| OPERATING TEMPERATURE            | -55°C ~ 100°C                                                                                                          |
| NUMBER OF CHANNELS               | 2                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| INPUT TYPE                       | DC                                                                                                                     |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 2 Channel 8-DIP Gull Wing                                                      |
| CURRENT TRANSFER RATIO (MIN)     | 19% @ 16mA                                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | 50% @ 16mA                                                                                                             |
| CURRENT - OUTPUT / CHANNEL       | 8mA                                                                                                                    |
| CURRENT - DC FORWARD (IF) (MAX)  | 25mA                                                                                                                   |

#### Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-253L-500E | HCPL-253L-500E Distributor                           | HCPL-253L-500E Supplier                                  |
| HCPL-253L-500E Price                                 | HCPL-253L-500E Pictures                              | HCPL-253L-500E Image                                     |
| HCPL-253L-500E PDF Datasheet                         | HCPL-253L-500E Download Datasheet                    | HCPL-253L-500E Datasheet                                 |
| HCPL-253L-500E Stock                                 | Buy HCPL-253L-500E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-253L-500E |
| Avago Technologies (Broadcom Limited) HCPL-253L-500E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-253L-500E | Avago Technologies Limited HCPL-253L-500E            | Avago Technologies US Inc. HCPL-253L-500E                |
| Avago Technologies HCPL-253L-500E                    | Avago Technologies (Broadcom Limited) HCPL-253L-500E | Broadcom Limited HCPL-253L-500E                          |

#### Related Products

|                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                            |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-257K</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 16DIP<br/>In stock: 243 pcs</div> <div>RFQ</div>        | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-257K-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 6SMD<br/>In stock: 215 pcs</div> <div>RFQ</div>     |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-253L#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8DIP GW<br/>In stock: 48661 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-253L-520E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH TRANS 8-DIP GW<br/>In stock: 73943 pcs</div> <div>RFQ</div>   |
| <div><b>HCPL-257K-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 6SMD<br/>In stock: 219 pcs</div> <div>RFQ</div>                                                                          | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-2533-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8DIP GW<br/>In stock: 53943 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-253L</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8-DIP<br/>In stock: 57409 pcs</div> <div>RFQ</div>        | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-253L-520</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH TRANS 8-DIP GW<br/>In stock: 50797 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-2533-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8-DIP<br/>In stock: 61976 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-257K#200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV TRANS W/BASE 16DIP<br/>In stock: 238 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-2533-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8DIP GW<br/>In stock: 59590 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-253L-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8-DIP<br/>In stock: 85857 pcs</div> <div>RFQ</div>   |