



Avago Technologies (Broadcom Limited)

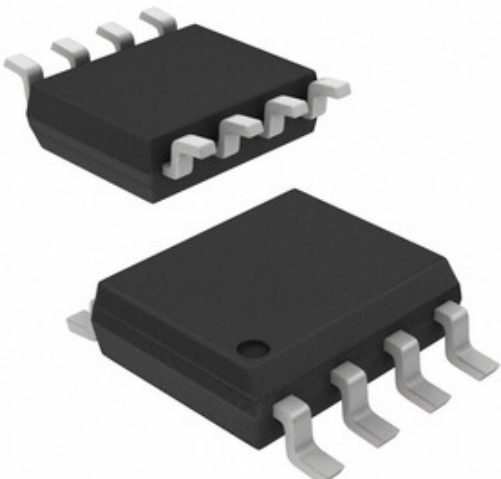


Image may be representation. See specifications for product details.

HCPL-053L

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-053L                                                                                                            |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISOLTR 3.75KV 2CH TRANS 8-SO                                                                                     |
| Datasheets:         |  <a href="#">HCPL-053L.pdf</a>      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 41503 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HCPL-053L

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-053L                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                             |
| DESCRIPTION                      | OPTOISOLTR 3.75KV 2CH TRANS 8-SO                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                |
| QUANTITY AVAILABLE               | 41503 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">HCPL-053L.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-SO                                                                                                              |
| SERIES                           | -                                                                                                                 |
| RISE / FALL TIME (TYP)           | -                                                                                                                 |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                      | Transistor                                                                                                        |
| OTHER NAMES                      | 516-1048-5                                                                                                        |
| 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   | Contains lead / RoHS non-compliant                                                                                |
| INPUT TYPE                       | DC                                                                                                                |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3750Vrms 2 Channel 8-SO                                                            |
| 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-053L | HCPL-053L Distributor                           | HCPL-053L Supplier                                  |
| HCPL-053L Price                                 | HCPL-053L Pictures                              | HCPL-053L Image                                     |
| HCPL-053L PDF Datasheet                         | HCPL-053L Download Datasheet                    | HCPL-053L Datasheet                                 |
| HCPL-053L Stock                                 | Buy HCPL-053L                                   | Buy Avago Technologies (Broadcom Limited) HCPL-053L |
| Avago Technologies (Broadcom Limited) HCPL-053L | Avago Technologies (Broadcom Limited) Supplier  | Avago Technologies (Broadcom Limited) Distributor   |
| Avago Technologies (Broadcom Limited) HCPL-053L | Avago Technologies Limited HCPL-053L            | Avago Technologies US Inc. HCPL-053L                |
| Avago Technologies HCPL-053L                    | Avago Technologies (Broadcom Limited) HCPL-053L | Broadcom Limited HCPL-053L                          |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>HCPL-0600#060</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 69251 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HCPL-0531-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 29029 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>HCPL-053L-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLT 3.75KV 2CH TRANS 8SOIC<br/>In stock: 24382 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-0534#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 22521 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HCPL-053L-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 3.75KV 2CH TRANS 8-SO<br/>In stock: 21740 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-0534-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 32646 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>HCPL-0534</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 23983 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>HCPL-053L#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 3.75KV 2CH TRANS 8-SO<br/>In stock: 38299 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL-0600</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 31527 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>HCPL-0534-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 14479 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>HCPL-0531-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH TRANS 8SOIC<br/>In stock: 52797 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HCPL-0600#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV OPN COLLECTOR 8SO<br/>In stock: 79247 pcs<br/><div>RFQ</div></div> |