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Avago Technologies (Broadcom Limited)

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## HCPL-4731-300E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-4731-300E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 2CH DARL 8-DIP GW                                                                                     |
| Datasheets:         |  <a href="#">HCPL-4731-300E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 15225 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-4731-300E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-4731-300E                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                      | OPTOISO 3.75KV 2CH DARL 8-DIP GW                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 15225 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">HCPL-4731-300E.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 18V                                                                                                                    |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.25V                                                                                                                  |
| VCE SATURATION (MAX)             | -                                                                                                                      |
| TURN ON / TURN OFF TIME (TYP)    | 3µs, 34µs                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 8-DIP Gull Wing                                                                                                        |
| SERIES                           | -                                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                                      |
| PACKAGING                        | Tube                                                                                                                   |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                       |
| OUTPUT TYPE                      | Darlington                                                                                                             |
| OTHER NAMES                      | 516-3495<br>HCPL-4731-300E-ND                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 70°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 Darlington Output 3750Vrms 2 Channel 8-DIP Gull Wing                                                      |
| CURRENT TRANSFER RATIO (MIN)     | 600% @ 500µA                                                                                                           |
| CURRENT TRANSFER RATIO (MAX)     | 8000% @ 500µA                                                                                                          |
| CURRENT - OUTPUT / CHANNEL       | 60mA                                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 10mA                                                                                                                   |

### Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-4731-300E | HCPL-4731-300E Distributor                           | HCPL-4731-300E Supplier                                  |
| HCPL-4731-300E Price                                 | HCPL-4731-300E Pictures                              | HCPL-4731-300E Image                                     |
| HCPL-4731-300E PDF Datasheet                         | HCPL-4731-300E Download Datasheet                    | HCPL-4731-300E Datasheet                                 |
| HCPL-4731-300E Stock                                 | Buy HCPL-4731-300E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-4731-300E |
| Avago Technologies (Broadcom Limited) HCPL-4731-300E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-4731-300E | Avago Technologies Limited HCPL-4731-300E            | Avago Technologies US Inc. HCPL-4731-300E                |
| Avago Technologies HCPL-4731-300E                    | Avago Technologies (Broadcom Limited) HCPL-4731-300E | Broadcom Limited HCPL-4731-300E                          |

### Related Products

|                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                           |
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| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-5120</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 1CH GATE DRVR 8DIP<br/>In stock: 800 pcs</div> <div>RFQ</div>        | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731-020E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH DARLINGTON 8-DIP<br/>In stock: 29201 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731#320</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 22345 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 32645 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 24258 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731-520E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 32645 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731-320E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 34758 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-5120-200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 1CH GATE DRVR 8DIP<br/>In stock: 880 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-5120-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 1CH GATE DRVR 8SMD<br/>In stock: 929 pcs</div> <div>RFQ</div>    | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 24818 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-DIP<br/>In stock: 15665 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-4731#520</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 19624 pcs</div> <div>RFQ</div>  |