

**BROADCOM**  
connecting everything

Avago Technologies (Broadcom Limited)

**BROADCOM**  
connecting everything

HCPL-2731-500E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-2731-500E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 2CH DARL 8-DIP GW                                                                                     |
| Datasheets:         |  <a href="#">HCPL-2731-500E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 64814 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.

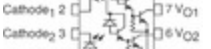
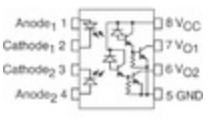
Specifications of HCPL-2731-500E

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-2731-500E                                                                                                         |
| 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               | 64814 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">HCPL-2731-500E.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 18V                                                                                                                    |
| VOLTAGE - ISOLATION              | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.4V                                                                                                                   |
| VCE SATURATION (MAX)             | 100mV                                                                                                                  |
| TURN ON / TURN OFF TIME (TYP)    | 5µs, 10µs                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 8-DIP Gull Wing                                                                                                        |
| SERIES                           | -                                                                                                                      |
| RISE / FALL TIME (TYP)           | -                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                                       |
| OUTPUT TYPE                      | Darlington                                                                                                             |
| 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)     | 500% @ 1.6mA                                                                                                           |
| CURRENT TRANSFER RATIO (MAX)     | 2600% @ 1.6mA                                                                                                          |
| CURRENT - OUTPUT / CHANNEL       | 60mA                                                                                                                   |
| CURRENT - DC FORWARD (IF) (MAX)  | 12mA                                                                                                                   |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-2731-500E | HCPL-2731-500E Distributor                           | HCPL-2731-500E Supplier                                  |
| HCPL-2731-500E Price                                 | HCPL-2731-500E Pictures                              | HCPL-2731-500E Image                                     |
| HCPL-2731-500E PDF Datasheet                         | HCPL-2731-500E Download Datasheet                    | HCPL-2731-500E Datasheet                                 |
| HCPL-2731-500E Stock                                 | Buy HCPL-2731-500E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-2731-500E |
| Avago Technologies (Broadcom Limited) HCPL-2731-500E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-2731-500E | Avago Technologies Limited HCPL-2731-500E            | Avago Technologies US Inc. HCPL-2731-500E                |
| Avago Technologies HCPL-2731-500E                    | Avago Technologies (Broadcom Limited) HCPL-2731-500E | Broadcom Limited HCPL-2731-500E                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-273L#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 51000 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-3000</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV GATE DRVR BIPOL 8DIP<br/>In stock: 5032 pcs</div> <div>RFQ</div>                                                                                         |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-273L-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 61581 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-273L-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-DIP<br/>In stock: 64359 pcs</div> <div>RFQ</div>                                                                                    |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 52685 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-DIP<br/>In stock: 29082 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731#520</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 50812 pcs</div> <div>RFQ</div>  | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 46981 pcs</div> <div>RFQ</div>                                                                                    |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-273L</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-DIP<br/>In stock: 48717 pcs</div> <div>RFQ</div>       | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731-520E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLTR 5KV 2CH DARL 8-DIP GW<br/>In stock: 71292 pcs</div> <div>RFQ</div>                                                                                   |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW<br/>In stock: 25547 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>HCPL-2731-020E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH DARLINGTON 8-DIP<br/>In stock: 72189 pcs</div> <div>RFQ</div>                                                                                   |