



Avago Technologies (Broadcom Limited)

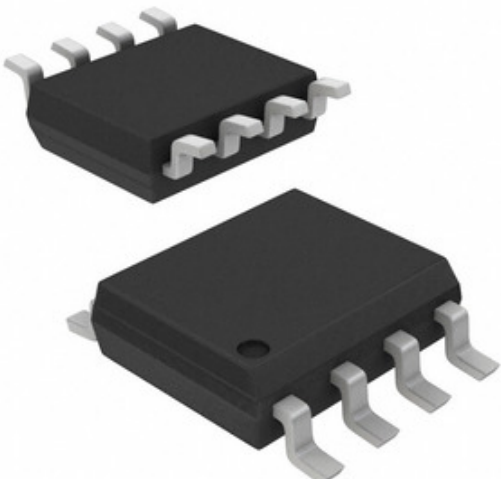


Image may be representation. See specifications for product details.

HCPL-0738-000E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-0738-000E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 2CH OPEN COLL 8SO                                                                                     |
| Datasheets:         |  <a href="#">HCPL-0738-000E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 10833 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HCPL-0738-000E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-0738-000E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 3.75KV 2CH OPEN COLL 8SO                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 10833 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">HCPL-0738-000E.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 5.5 V                                                                                                          |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE              | 8-SO                                                                                                                   |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | 20ns, 25ns                                                                                                             |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 60ns, 60ns                                                                                                             |
| PACKAGING                            | Tube                                                                                                                   |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                                          |
| OUTPUT TYPE                          | Open Collector                                                                                                         |
| OTHER NAMES                          | 516-1536-5<br>HCPL0738000E                                                                                             |
| OPERATING TEMPERATURE                | -40°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                                                                                             |
| INPUTS - SIDE 1/SIDE 2               | 2/0                                                                                                                    |
| INPUT TYPE                           | DC                                                                                                                     |
| DETAILED DESCRIPTION                 | Logic Output Optoisolator 15MBd Open Collector 3750Vrms 2 Channel 10kV/μs CMTI 8-SO                                    |
| DATA RATE                            | 15MBd                                                                                                                  |
| CURRENT - OUTPUT / CHANNEL           | 2mA                                                                                                                    |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                                |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-0738-000E | HCPL-0738-000E Distributor                           | HCPL-0738-000E Supplier                                  |
| HCPL-0738-000E Price                                 | HCPL-0738-000E Pictures                              | HCPL-0738-000E Image                                     |
| HCPL-0738-000E PDF Datasheet                         | HCPL-0738-000E Download Datasheet                    | HCPL-0738-000E Datasheet                                 |
| HCPL-0738-000E Stock                                 | Buy HCPL-0738-000E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-0738-000E |
| Avago Technologies (Broadcom Limited) HCPL-0738-000E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-0738-000E | Avago Technologies Limited HCPL-0738-000E            | Avago Technologies US Inc. HCPL-0738-000E                |
| Avago Technologies HCPL-0738-000E                    | Avago Technologies (Broadcom Limited) HCPL-0738-000E | Broadcom Limited HCPL-0738-000E                          |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                |
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| <div><div>HCPL-0738-50GE</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 15MBD 8SOIC<br/>In stock: 5884 pcs</div><div>RFQ</div></div>         | <div><div>HCPL-0738</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 16386 pcs</div><div>RFQ</div></div>      |
| <div><div>HCPL-0731-060E</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-SO<br/>In stock: 43557 pcs</div><div>RFQ</div></div>  | <div><div>HCPL-0738-060</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 18722 pcs</div><div>RFQ</div></div>  |
| <div><div>HCPL-0738-00GE</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 15MBD 8SOIC<br/>In stock: 2919 pcs</div><div>RFQ</div></div>         | <div><div>HCPL-0731</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-SO<br/>In stock: 29100 pcs</div><div>RFQ</div></div>        |
| <div><div>HCPL-0738-500</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 18509 pcs</div><div>RFQ</div></div> | <div><div>HCPL-0731-000E</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-SO<br/>In stock: 19649 pcs</div><div>RFQ</div></div>   |
| <div><div>HCPL-0731-500E</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-SO<br/>In stock: 44643 pcs</div><div>RFQ</div></div>  | <div><div>HCPL-0738-500E</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 23226 pcs</div><div>RFQ</div></div> |
| <div><div>HCPL-0731#500</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH DARLNG 8-SO<br/>In stock: 37824 pcs</div><div>RFQ</div></div>   | <div><div>HCPL-0738-060E</div><div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 2CH OPEN COLL 8SO<br/>In stock: 22674 pcs</div><div>RFQ</div></div> |