



Avago Technologies (Broadcom Limited)

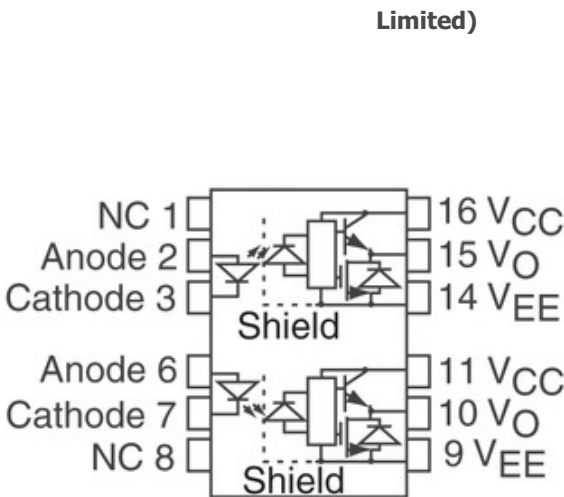


Diagram showing the pinout of the HCPL-3140-000E 8-DIP package. The package is shown from the top, with pins numbered 1 through 16. Pins 1, 2, 3, 4, 5, 6, 7, 8 are on the left, and pins 16, 15, 14, 13, 12, 11, 10, 9 are on the right. The diagram indicates the following connections: Pin 1: NC (No Connection); Pin 2: Anode; Pin 3: Cathode; Pin 4: Shield; Pin 5: Cathode; Pin 6: Anode; Pin 7: Cathode; Pin 8: NC (No Connection); Pin 9: VEE; Pin 10: VO; Pin 11: VCC; Pin 12: VEE; Pin 13: Shield; Pin 14: VEE; Pin 15: VO; Pin 16: VCC.

Image may be representation. See specifications for product details.

HCPL-3140-000E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-3140-000E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV 1CH GATE DVR 8DIP                                                                                     |
| Datasheets:         |  <a href="#">HCPL-3140-000E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 39498 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HCPL-3140-000E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-3140-000E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 3.75KV 1CH GATE DVR 8DIP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 39498 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">HCPL-3140-000E.pdf</a> |
| VOLTAGE - SUPPLY                     | 10 V ~ 30 V                                                                                                            |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                                   |
| TECHNOLOGY                           | Optical Coupling                                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-DIP                                                                                                                  |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 700ns, 700ns                                                                                                           |
| PACKAGING                            | Tube                                                                                                                   |
| PACKAGE / CASE                       | 8-DIP (0.300", 7.62mm)                                                                                                 |
| OTHER NAMES                          | 516-1583-5<br>HCPL3140000E                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 100°C                                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                                      |
| MOUNTING TYPE                        | Through Hole                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| DETAILED DESCRIPTION                 | 600mA Gate Driver Optical Coupling 3750Vrms 1 Channel 8-DIP                                                            |
| CURRENT - PEAK OUTPUT                | 600mA                                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 400mA, 400mA                                                                                                           |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                                |
| APPROVALS                            | CSA, UR                                                                                                                |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-3140-000E | HCPL-3140-000E Distributor                           | HCPL-3140-000E Supplier                                  |
| HCPL-3140-000E Price                                 | HCPL-3140-000E Pictures                              | HCPL-3140-000E Image                                     |
| HCPL-3140-000E PDF Datasheet                         | HCPL-3140-000E Download Datasheet                    | HCPL-3140-000E Datasheet                                 |
| HCPL-3140-000E Stock                                 | Buy HCPL-3140-000E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-3140-000E |
| Avago Technologies (Broadcom Limited) HCPL-3140-000E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-3140-000E | Avago Technologies Limited HCPL-3140-000E            | Avago Technologies US Inc. HCPL-3140-000E                |
| Avago Technologies HCPL-3140-000E                    | Avago Technologies (Broadcom Limited) HCPL-3140-000E | Broadcom Limited HCPL-3140-000E                          |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>HCPL-3140#500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 67199 pcs</div><div>RFQ</div></div>  | <div><div><b>HCPL-3120-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8SMD<br/>In stock: 86292 pcs</div><div>RFQ</div></div>  |
| <div><div><b>HCPL-3140#560</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 69223 pcs</div><div>RFQ</div></div>  | <div><div><b>HCPL-3140-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 103264 pcs</div><div>RFQ</div></div> |
| <div><div><b>HCPL-3140#300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 70915 pcs</div><div>RFQ</div></div>  | <div><div><b>HCPL-3140-360E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 100312 pcs</div><div>RFQ</div></div> |
| <div><div><b>HCPL-3140-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 97783 pcs</div><div>RFQ</div></div> | <div><div><b>HCPL-3140</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 89996 pcs</div><div>RFQ</div></div>       |
| <div><div><b>HCPL-3140-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 34587 pcs</div><div>RFQ</div></div> | <div><div><b>HCPL-314J</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 2CH GATE DRIVER 16SO<br/>In stock: 51872 pcs</div><div>RFQ</div></div>       |
| <div><div><b>HCPL-3140#060</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 73012 pcs</div><div>RFQ</div></div>  | <div><div><b>HCPL-3140-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 112593 pcs</div><div>RFQ</div></div> |