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Avago Technologies (Broadcom Limited)

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HCPL-3020-500E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-3020-500E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 3.75KV GATE DVR 8DIP GW                                                                                      |
| Datasheets:         |  <a href="#">HCPL-3020-500E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 46343 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

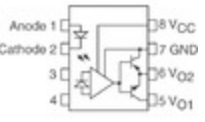
Specifications of HCPL-3020-500E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | HCPL-3020-500E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 3.75KV GATE DVR 8DIP GW                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 46343 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">HCPL-3020-500E.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 Gull Wing                                                                                                        |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 700ns, 700ns                                                                                                           |
| PACKAGING                            | Original-Reel®                                                                                                         |
| PACKAGE / CASE                       | 8-SMD, Gull Wing                                                                                                       |
| OTHER NAMES                          | 516-3209-6                                                                                                             |
| OPERATING TEMPERATURE                | -40°C ~ 100°C                                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| DETAILED DESCRIPTION                 | 400mA Gate Driver Optical Coupling 3750Vrms 1 Channel 8-DIP Gull Wing                                                  |
| CURRENT - PEAK OUTPUT                | 400mA                                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 200mA, 200mA                                                                                                           |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                                |
| APPROVALS                            | CSA, UR                                                                                                                |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-3020-500E | HCPL-3020-500E Distributor                           | HCPL-3020-500E Supplier                                  |
| HCPL-3020-500E Price                                 | HCPL-3020-500E Pictures                              | HCPL-3020-500E Image                                     |
| HCPL-3020-500E PDF Datasheet                         | HCPL-3020-500E Download Datasheet                    | HCPL-3020-500E Datasheet                                 |
| HCPL-3020-500E Stock                                 | Buy HCPL-3020-500E                                   | Buy Avago Technologies (Broadcom Limited) HCPL-3020-500E |
| Avago Technologies (Broadcom Limited) HCPL-3020-500E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) HCPL-3020-500E | Avago Technologies Limited HCPL-3020-500E            | Avago Technologies US Inc. HCPL-3020-500E                |
| Avago Technologies HCPL-3020-500E                    | Avago Technologies (Broadcom Limited) HCPL-3020-500E | Broadcom Limited HCPL-3020-500E                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                             |
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| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3100-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 3351 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 125545 pcs</div> <div>RFQ</div> |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-360</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 100898 pcs</div> <div>RFQ</div>  | <div><b>HCPL-3100-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 5222 pcs</div> <div>RFQ</div>                                                                        |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 89440 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 117061 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3100-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV GATE DRIVER 8DIP GW<br/>In stock: 5225 pcs</div> <div>RFQ</div>   | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-360E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 116868 pcs</div> <div>RFQ</div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP<br/>In stock: 3030 pcs</div> <div>RFQ</div>       | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-560</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 84870 pcs</div> <div>RFQ</div>    |
| <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 110968 pcs</div> <div>RFQ</div> | <div><b>BROADCOM</b><br/><small>connecting everything+</small></div> <div><b>HCPL-3020-500</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DVR 8DIP GW<br/>In stock: 86161 pcs</div> <div>RFQ</div>    |