



Avago Technologies (Broadcom



ACPL-P302-000E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-P302-000E                                                                                               |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISO 3.75KV 1CH GATE DRVR 6SO                                                                             |
| Datasheets:         |  ACPL-P302-000E.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| 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 ACPL-P302-000E

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ACPL-P302-000E                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                  |
| DESCRIPTION                          | OPTOISO 3.75KV 1CH GATE DRVR 6SO                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                           |  ACPL-P302-000E.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 30 V                                                                                            |
| VOLTAGE - ISOLATION                  | 3750Vrms                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.5V                                                                                                   |
| TECHNOLOGY                           | Optical Coupling                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 6-SO                                                                                                   |
| SERIES                               | -                                                                                                      |
| RISE / FALL TIME (TYP)               | 50ns, 50ns                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 700ns, 700ns                                                                                           |
| PACKAGING                            | Tube                                                                                                   |
| PACKAGE / CASE                       | 6-SOIC (0.268", 6.80mm Width)                                                                          |
| OTHER NAMES                          | 516-3450<br>ACPL-P302-000E-ND                                                                          |
| OPERATING TEMPERATURE                | -40°C ~ 100°C                                                                                          |
| NUMBER OF CHANNELS                   | 1                                                                                                      |
| MOUNTING TYPE                        | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME      | 22 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| DETAILED DESCRIPTION                 | 400mA Gate Driver Optical Coupling 3750Vrms 1 Channel 6-SO                                             |
| CURRENT - PEAK OUTPUT                | 400mA                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 200mA, 200mA                                                                                           |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 10kV/μs                                                                                                |
| APPROVALS                            | CSA, UR                                                                                                |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-P302-000E | ACPL-P302-000E Distributor                           | ACPL-P302-000E Supplier                                  |
| ACPL-P302-000E Price                                 | ACPL-P302-000E Pictures                              | ACPL-P302-000E Image                                     |
| ACPL-P302-000E PDF Datasheet                         | ACPL-P302-000E Download Datasheet                    | ACPL-P302-000E Datasheet                                 |
| ACPL-P302-000E Stock                                 | Buy ACPL-P302-000E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-P302-000E |
| Avago Technologies (Broadcom Limited) ACPL-P302-000E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) ACPL-P302-000E | Avago Technologies Limited ACPL-P302-000E            | Avago Technologies US Inc. ACPL-P302-000E                |
| Avago Technologies ACPL-P302-000E                    | Avago Technologies (Broadcom Limited) ACPL-P302-000E | Broadcom Limited ACPL-P302-000E                          |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ACPL-M75L-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>ACPL-P314-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DRVR 6SO<br/>In stock: 870 pcs<br/>RFQ</div>   |
|  <div><b>ACPL-M75L-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>ACPL-P302-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DRVR 6SO<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ACPL-M75L-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>ACPL-P314-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DRVR 6SO<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ACPL-P302-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DRVR 6SO<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>ACPL-P302-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DRVR 6SO<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>ACPL-M72U-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>ACPL-M72U-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV PUSH PULL 5SO<br/>In stock: Out stock<br/>RFQ</div>     |
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