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Avago Technologies (Broadcom Limited)

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ACPL-302J-500E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-302J-500E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 16SO                                                                                     |
| Datasheets:         |  <a href="#">ACPL-302J-500E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 26847 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 ACPL-302J-500E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ACPL-302J-500E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 16SO                                                                                       |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 26847 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">ACPL-302J-500E.pdf</a> |
| VOLTAGE - SUPPLY                     | 18 V ~ 22 V                                                                                                            |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.55V                                                                                                                  |
| TECHNOLOGY                           | Optical Coupling                                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 16-SO                                                                                                                  |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | 70ns, 35ns                                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | 140ns                                                                                                                  |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 250ns, 250ns                                                                                                           |
| PACKAGING                            | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                                                                                         |
| OPERATING TEMPERATURE                | -40°C ~ 105°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                 | 2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 16-SO                                                             |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                                   |
| CURRENT - OUTPUT HIGH, LOW           | 750mA, 1A                                                                                                              |
| CURRENT - DC FORWARD (IF) (MAX)      | 20mA                                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 30kV/μs                                                                                                                |
| APPROVALS                            | CSA, IEC/EN/DIN, UR                                                                                                    |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-302J-500E | ACPL-302J-500E Distributor                           | ACPL-302J-500E Supplier                                  |
| ACPL-302J-500E Price                                 | ACPL-302J-500E Pictures                              | ACPL-302J-500E Image                                     |
| ACPL-302J-500E PDF Datasheet                         | ACPL-302J-500E Download Datasheet                    | ACPL-302J-500E Datasheet                                 |
| ACPL-302J-500E Stock                                 | Buy ACPL-302J-500E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-302J-500E |
| Avago Technologies (Broadcom Limited) ACPL-302J-500E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) ACPL-302J-500E | Avago Technologies Limited ACPL-302J-500E            | Avago Technologies US Inc. ACPL-302J-500E                |
| Avago Technologies ACPL-302J-500E                    | Avago Technologies (Broadcom Limited) ACPL-302J-500E | Broadcom Limited ACPL-302J-500E                          |

Related Products

|                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                               |
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| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-268KL-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP<br/>In stock: 234 pcs<br/><div>RFQ</div></div>   | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312T-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 18910 pcs<br/><div>RFQ</div></div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312U-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 21246 pcs<br/><div>RFQ</div></div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-2672L-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP<br/>In stock: 1358 pcs<br/><div>RFQ</div></div>  |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312T-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 42322 pcs<br/><div>RFQ</div></div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312U-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 40777 pcs<br/><div>RFQ</div></div> |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-268KL</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP<br/>In stock: 222 pcs<br/><div>RFQ</div></div>       | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-268KL-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP<br/>In stock: 240 pcs<br/><div>RFQ</div></div>   |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312T-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP<br/>In stock: 18522 pcs<br/><div>RFQ</div></div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-268KL-200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP<br/>In stock: 269 pcs<br/><div>RFQ</div></div>   |
| <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-302J-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 16SO<br/>In stock: 14107 pcs<br/><div>RFQ</div></div> | <div><b>BROADCOM</b><br/><small>connecting everything</small></div> <div><b>ACPL-312U-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW<br/>In stock: 47521 pcs<br/><div>RFQ</div></div> |