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**Avago Technologies (Broadcom**



Image may be representation. See specifications for product details.

ACPL-214-500E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-214-500E                                                                                                |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISOLATOR 3KV TRANS 4SOIC                                                                                 |
| Datasheets:         |  ACPL-214-500E.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 461070 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ACPL-214-500E

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACPL-214-500E                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                 |
| DESCRIPTION                      | OPTOISOLATOR 3KV TRANS 4SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 461070 pcs                                                                                            |
| DATA SHEET                       |  ACPL-214-500E.pdf |
| VOLTAGE - OUTPUT (MAX)           | 80V                                                                                                   |
| VOLTAGE - ISOLATION              | 3000Vrms                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                  |
| VCE SATURATION (MAX)             | 400mV                                                                                                 |
| TURN ON / TURN OFF TIME (TYP)    | 3µs, 3µs                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 4-SO                                                                                                  |
| SERIES                           | -                                                                                                     |
| RISE / FALL TIME (TYP)           | 2µs, 3µs                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 4-SOIC (0.173", 4.40mm Width)                                                                         |
| OUTPUT TYPE                      | Transistor                                                                                            |
| OTHER NAMES                      | 516-2218-2<br>ACPL-214-500E-ND<br>ACPL214500E                                                         |
| OPERATING TEMPERATURE            | -55°C ~ 110°C                                                                                         |
| NUMBER OF CHANNELS               | 1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INPUT TYPE                       | AC, DC                                                                                                |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 3000Vrms 1 Channel 4-SO                                                |
| CURRENT TRANSFER RATIO (MIN)     | 20% @ 1mA                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | 400% @ 1mA                                                                                            |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                  |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                                  |

Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-214-500E | ACPL-214-500E Distributor                           | ACPL-214-500E Supplier                                  |
| ACPL-214-500E Price                                 | ACPL-214-500E Pictures                              | ACPL-214-500E Image                                     |
| ACPL-214-500E PDF Datasheet                         | ACPL-214-500E Download Datasheet                    | ACPL-214-500E Datasheet                                 |
| ACPL-214-500E Stock                                 | Buy ACPL-214-500E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-214-500E |
| Avago Technologies (Broadcom Limited) ACPL-214-500E | Avago Technologies (Broadcom Limited) Supplier      | Avago Technologies (Broadcom Limited) Distributor       |
| Avago Technologies (Broadcom Limited) ACPL-214-500E | Avago Technologies Limited ACPL-214-500E            | Avago Technologies US Inc. ACPL-214-500E                |
| Avago Technologies ACPL-214-500E                    | Avago Technologies (Broadcom Limited) ACPL-214-500E | Broadcom Limited ACPL-214-500E                          |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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|  <div><b>ACPL-1772L-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARL 16-DIP GW<br/>In stock: 1152 pcs<br/><div>RFQ</div></div>  |  <div><b>ACPL-217-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANS 4SOIC<br/>In stock: 154930 pcs<br/><div>RFQ</div></div>     |
|  <div><b>ACPL-217-50AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANSISTOR 4-SO<br/>In stock: 128284 pcs<br/><div>RFQ</div></div> |  <div><b>ACPL-177KL-200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARLNG 16-CDIP<br/>In stock: 161 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ACPL-214-56AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANS 4SOIC<br/>In stock: 391883 pcs<br/><div>RFQ</div></div>     |  <div><b>ACPL-177KL</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARLNG 16-CDIP<br/>In stock: 206 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ACPL-1772L-200</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARLNG 16-CDIP<br/>In stock: 1133 pcs<br/><div>RFQ</div></div>  |  <div><b>ACPL-217-50BE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANSISTOR 4-SO<br/>In stock: 133155 pcs<br/><div>RFQ</div></div> |
|  <div><b>ACPL-177KL-300</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARL 16-DIP GW<br/>In stock: 166 pcs<br/><div>RFQ</div></div>   |  <div><b>ACPL-177KL-100</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 1.5KV 4CH DARL 16-DIP BJ<br/>In stock: 200 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ACPL-214-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANS 4SOIC<br/>In stock: 395305 pcs<br/><div>RFQ</div></div>     |  <div><b>ACPL-214-50AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 3KV TRANS 4SOIC<br/>In stock: 495502 pcs<br/><div>RFQ</div></div>     |