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Avago Technologies (Broadcom Limited)

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## ACPL-824-500E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-824-500E                                                                                                |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISOLATOR 5KV 2CH TRANS 8SMD                                                                              |
| Datasheets:         |  ACPL-824-500E.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 241298 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of ACPL-824-500E

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACPL-824-500E                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                 |
| DESCRIPTION                      | OPTOISOLATOR 5KV 2CH TRANS 8SMD                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 241298 pcs                                                                                            |
| DATA SHEET                       |  ACPL-824-500E.pdf |
| VOLTAGE - OUTPUT (MAX)           | 70V                                                                                                   |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                  |
| VCE SATURATION (MAX)             | 200mV                                                                                                 |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 8-SMD                                                                                                 |
| SERIES                           | -                                                                                                     |
| RISE / FALL TIME (TYP)           | 4μs, 3μs                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-SMD, Gull Wing                                                                                      |
| OUTPUT TYPE                      | Transistor                                                                                            |
| OPERATING TEMPERATURE            | -30°C ~ 100°C                                                                                         |
| NUMBER OF CHANNELS               | 2                                                                                                     |
| 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 5000Vrms 2 Channel 8-SMD                                               |
| CURRENT TRANSFER RATIO (MIN)     | 20% @ 1mA                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | 300% @ 1mA                                                                                            |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                  |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                                  |

### Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-824-500E | ACPL-824-500E Distributor                           | ACPL-824-500E Supplier                                  |
| ACPL-824-500E Price                                 | ACPL-824-500E Pictures                              | ACPL-824-500E Image                                     |
| ACPL-824-500E PDF Datasheet                         | ACPL-824-500E Download Datasheet                    | ACPL-824-500E Datasheet                                 |
| ACPL-824-500E Stock                                 | Buy ACPL-824-500E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-824-500E |
| Avago Technologies (Broadcom Limited) ACPL-824-500E | Avago Technologies (Broadcom Limited) Supplier      | Avago Technologies (Broadcom Limited) Distributor       |
| Avago Technologies (Broadcom Limited) ACPL-824-500E | Avago Technologies Limited ACPL-824-500E            | Avago Technologies US Inc. ACPL-824-500E                |
| Avago Technologies ACPL-824-500E                    | Avago Technologies (Broadcom Limited) ACPL-824-500E | Broadcom Limited ACPL-824-500E                          |

### Related Products

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| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8SMD<br/>In stock: 273516 pcs</div> <div>RFQ</div> | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-W60E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 227361 pcs</div> <div>RFQ</div> |
| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-827-00BE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 318996 pcs</div> <div>RFQ</div> | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 89427 pcs</div> <div>RFQ</div>  |
| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-827-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 380853 pcs</div> <div>RFQ</div> | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-827-00CE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 94187 pcs</div> <div>RFQ</div>  |
| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-798J-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC OP AMP ISOLATION 16SO<br/>In stock: 29954 pcs</div> <div>RFQ</div>        | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 277365 pcs</div> <div>RFQ</div> |
| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-360E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8SMD<br/>In stock: 248329 pcs</div> <div>RFQ</div> | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-W00E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8DIP<br/>In stock: 237638 pcs</div> <div>RFQ</div> |
| <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-824-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV 2CH TRANS 8SMD<br/>In stock: 215735 pcs</div> <div>RFQ</div> | <div>BROADCOM<sup>®</sup><br/><small>connecting everything<sup>™</sup></small></div> <div><b>ACPL-798J-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: IC OP AMP ISOLATION 16SO<br/>In stock: 12484 pcs</div> <div>RFQ</div>        |