



Avago Technologies (Broadcom Limited)

Limited)



Image may be representation. See specifications for product details.

## HCPL-814-50AE

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HCPL-814-50AE                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                               |
| Product description | OPTOISOLATOR 5KV TRANSISTOR 4SMD                                                                                    |
| Datasheets:         |  <a href="#">HCPL-814-50AE.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 705800 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

### Specifications of HCPL-814-50AE

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HCPL-814-50AE                                                                                                         |
| MANUFACTURER                     | Avago Technologies (Broadcom Limited)                                                                                 |
| DESCRIPTION                      | OPTOISOLATOR 5KV TRANSISTOR 4SMD                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 705800 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">HCPL-814-50AE.pdf</a> |
| VOLTAGE - OUTPUT (MAX)           | 35V                                                                                                                   |
| VOLTAGE - ISOLATION              | 5000Vrms                                                                                                              |
| VOLTAGE - FORWARD (VF) (TYP)     | 1.2V                                                                                                                  |
| VCE SATURATION (MAX)             | 200mV                                                                                                                 |
| TURN ON / TURN OFF TIME (TYP)    | -                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 4-SMD                                                                                                                 |
| SERIES                           | -                                                                                                                     |
| RISE / FALL TIME (TYP)           | 4µs, 3µs                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 4-SMD, Gull Wing                                                                                                      |
| OUTPUT TYPE                      | Transistor                                                                                                            |
| OPERATING TEMPERATURE            | -30°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                                                                                            |
| INPUT TYPE                       | AC, DC                                                                                                                |
| DETAILED DESCRIPTION             | Optoisolator Transistor Output 5000Vrms 1 Channel 4-SMD                                                               |
| CURRENT TRANSFER RATIO (MIN)     | 50% @ 1mA                                                                                                             |
| CURRENT TRANSFER RATIO (MAX)     | 150% @ 1mA                                                                                                            |
| CURRENT - OUTPUT / CHANNEL       | 50mA                                                                                                                  |
| CURRENT - DC FORWARD (IF) (MAX)  | 50mA                                                                                                                  |

### Related Tags

|                                                     |                                                     |                                                         |
|-----------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Avago Technologies (Broadcom Limited) HCPL-814-50AE | HCPL-814-50AE Distributor                           | HCPL-814-50AE Supplier                                  |
| HCPL-814-50AE Price                                 | HCPL-814-50AE Pictures                              | HCPL-814-50AE Image                                     |
| HCPL-814-50AE PDF Datasheet                         | HCPL-814-50AE Download Datasheet                    | HCPL-814-50AE Datasheet                                 |
| HCPL-814-50AE Stock                                 | Buy HCPL-814-50AE                                   | Buy Avago Technologies (Broadcom Limited) HCPL-814-50AE |
| Avago Technologies (Broadcom Limited) HCPL-814-50AE | Avago Technologies (Broadcom Limited) Supplier      | Avago Technologies (Broadcom Limited) Distributor       |
| Avago Technologies (Broadcom Limited) HCPL-814-50AE | Avago Technologies Limited HCPL-814-50AE            | Avago Technologies US Inc. HCPL-814-50AE                |
| Avago Technologies HCPL-814-50AE                    | Avago Technologies (Broadcom Limited) HCPL-814-50AE | Broadcom Limited HCPL-814-50AE                          |

### Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                       |
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| <div></div> <div><b>HCPL-814-30AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 651737 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-06AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP<br/>In stock: 576238 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL-814-36AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 503025 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-W00E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP<br/>In stock: 585152 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL-814-56AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 497702 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-300E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 172020 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL-814-W60E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP<br/>In stock: 506870 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-500E</b><br/>Manufacturers: Broadcom Limited<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 515000 pcs<br/><div>RFQ</div></div>                      |
| <div></div> <div><b>HCPL-814-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 532710 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-W0AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP<br/>In stock: 558571 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HCPL-814-W6AE</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4DIP<br/>In stock: 516379 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HCPL-814-360E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISOLATOR 5KV TRANSISTOR 4SMD<br/>In stock: 605238 pcs<br/><div>RFQ</div></div> |