



Limited)

Image may be representation. See specifications for product details.

ACPL-W314-060E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-W314-060E                                                                                               |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                        |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 6SO                                                                              |
| Datasheets:         |  ACPL-W314-060E.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 64359 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ACPL-W314-060E

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ACPL-W314-060E                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                  |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 6SO                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE                   | 64359 pcs                                                                                              |
| DATA SHEET                           |  ACPL-W314-060E.pdf |
| VOLTAGE - SUPPLY                     | 10 V ~ 30 V                                                                                            |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                               |
| 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 (0.295", 7.50mm Width)                                                                          |
| OPERATING TEMPERATURE                | -40°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                                                                             |
| DETAILED DESCRIPTION                 | 600mA Gate Driver Optical Coupling 5000Vrms 1 Channel 6-SO                                             |
| CURRENT - PEAK OUTPUT                | 600mA                                                                                                  |
| CURRENT - OUTPUT HIGH, LOW           | 400mA, 400mA                                                                                           |
| CURRENT - DC FORWARD (IF) (MAX)      | 25mA                                                                                                   |
| COMMON MODE TRANSIENT IMMUNITY (MIN) | 25kV/μs                                                                                                |
| APPROVALS                            | CSA, IEC/EN/DIN, UR                                                                                    |

Related Tags

|                                                      |                                                      |                                                          |
|------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|
| Avago Technologies (Broadcom Limited) ACPL-W314-060E | ACPL-W314-060E Distributor                           | ACPL-W314-060E Supplier                                  |
| ACPL-W314-060E Price                                 | ACPL-W314-060E Pictures                              | ACPL-W314-060E Image                                     |
| ACPL-W314-060E PDF Datasheet                         | ACPL-W314-060E Download Datasheet                    | ACPL-W314-060E Datasheet                                 |
| ACPL-W314-060E Stock                                 | Buy ACPL-W314-060E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-W314-060E |
| Avago Technologies (Broadcom Limited) ACPL-W314-060E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) ACPL-W314-060E | Avago Technologies Limited ACPL-W314-060E            | Avago Technologies US Inc. ACPL-W314-060E                |
| Avago Technologies ACPL-W314-060E                    | Avago Technologies (Broadcom Limited) ACPL-W314-060E | Broadcom Limited ACPL-W314-060E                          |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>ACPL-W302-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 113016 pcs</div> <div>RFQ</div> | <div></div> <div>ACPL-W340-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 27256 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ACPL-W302-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 117198 pcs</div> <div>RFQ</div> | <div></div> <div>ACPL-W314-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 68614 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ACPL-W21L-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV PUSH PULL 6SO<br/>In stock: 88998 pcs</div> <div>RFQ</div>        | <div></div> <div>ACPL-W302-060E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 111896 pcs</div> <div>RFQ</div> |
| <div></div> <div>ACPL-W340-560E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 64198 pcs</div> <div>RFQ</div>  | <div></div> <div>ACPL-W314-000E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 30939 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ACPL-W340-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 65114 pcs</div> <div>RFQ</div>  | <div></div> <div>ACPL-W302-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 110644 pcs</div> <div>RFQ</div> |
| <div></div> <div>ACPL-W340-060E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 73400 pcs</div> <div>RFQ</div>  | <div></div> <div>ACPL-W314-500E</div> <div>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 6SO<br/>In stock: 70750 pcs</div> <div>RFQ</div>  |