



Avago Technologies (Broadcom Limited)

Limited)



Image may be representation. See specifications for product details.

ACPL-K342-060E

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACPL-K342-060E                                                                                                       |
| Manufacturer/Brand: | Avago Technologies (Broadcom Limited)                                                                                |
| Product description | OPTOISO 5KV 1CH GATE DRIVER 8SO                                                                                      |
| Datasheets:         |  <a href="#">ACPL-K342-060E.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 67595 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of ACPL-K342-060E

|                                      |                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ACPL-K342-060E                                                                                                         |
| MANUFACTURER                         | Avago Technologies (Broadcom Limited)                                                                                  |
| DESCRIPTION                          | OPTOISO 5KV 1CH GATE DRIVER 8SO                                                                                        |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE                   | 67595 pcs                                                                                                              |
| DATA SHEET                           |  <a href="#">ACPL-K342-060E.pdf</a> |
| VOLTAGE - SUPPLY                     | 15 V ~ 30 V                                                                                                            |
| VOLTAGE - ISOLATION                  | 5000Vrms                                                                                                               |
| VOLTAGE - FORWARD (VF) (TYP)         | 1.55V                                                                                                                  |
| TECHNOLOGY                           | Optical Coupling                                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-SO                                                                                                                   |
| SERIES                               | -                                                                                                                      |
| RISE / FALL TIME (TYP)               | 22ns, 18ns                                                                                                             |
| PULSE WIDTH DISTORTION (MAX)         | -                                                                                                                      |
| PROPAGATION DELAY TPLH / TPHL (MAX)  | 350ns, 250ns                                                                                                           |
| PACKAGING                            | Tube                                                                                                                   |
| PACKAGE / CASE                       | 8-SOIC (0.268", 6.81mm 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 8-SO                                                              |
| CURRENT - PEAK OUTPUT                | 2.5A                                                                                                                   |
| CURRENT - OUTPUT HIGH, LOW           | 2A, 2A                                                                                                                 |
| 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-K342-060E | ACPL-K342-060E Distributor                           | ACPL-K342-060E Supplier                                  |
| ACPL-K342-060E Price                                 | ACPL-K342-060E Pictures                              | ACPL-K342-060E Image                                     |
| ACPL-K342-060E PDF Datasheet                         | ACPL-K342-060E Download Datasheet                    | ACPL-K342-060E Datasheet                                 |
| ACPL-K342-060E Stock                                 | Buy ACPL-K342-060E                                   | Buy Avago Technologies (Broadcom Limited) ACPL-K342-060E |
| Avago Technologies (Broadcom Limited) ACPL-K342-060E | Avago Technologies (Broadcom Limited) Supplier       | Avago Technologies (Broadcom Limited) Distributor        |
| Avago Technologies (Broadcom Limited) ACPL-K342-060E | Avago Technologies Limited ACPL-K342-060E            | Avago Technologies US Inc. ACPL-K342-060E                |
| Avago Technologies ACPL-K342-060E                    | Avago Technologies (Broadcom Limited) ACPL-K342-060E | Broadcom Limited ACPL-K342-060E                          |

Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                      |
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| <div></div> <div><b>ACPL-K34T-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 46618 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K33T-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 17424 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACPL-K33T-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 21473 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K312-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 56956 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACPL-K34T-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 47497 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K342-500E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 66945 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACPL-K34T-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 17006 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K34T-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 41037 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACPL-K342-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 25070 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K33T-560E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 44770 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACPL-K342-000E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 27781 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACPL-K33T-060E</b><br/>Manufacturers: Avago Technologies (Broadcom Limited)<br/>Description: OPTOISO 5KV 1CH GATE DRIVER 8SO<br/>In stock: 43784 pcs<br/><div>RFQ</div></div> |