



Avago Technologies (Broadcom Limited)

Limited)



Image may be representation. See specifications for product details.

ACPL-K312-500E

Part Number:	ACPL-K312-500E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 5KV 1CH GATE DRIVER 8SO
Datasheets:	 ACPL-K312-500E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	53603 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ACPL-K312-500E

PART NUMBER	ACPL-K312-500E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 8SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	53603 pcs
DATA SHEET	 ACPL-K312-500E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-SO
SERIES	-
RISE / FALL TIME (TYP)	50ns, 50ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.268", 6.81mm Width)
OTHER NAMES	516-4022-2 ACPL-K312-500E-ND
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	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)	15kV/μs
APPROVALS	CSA, UR

Related Tags

Avago Technologies (Broadcom Limited) ACPL-K312-500E	ACPL-K312-500E Distributor	ACPL-K312-500E Supplier
ACPL-K312-500E Price	ACPL-K312-500E Pictures	ACPL-K312-500E Image
ACPL-K312-500E PDF Datasheet	ACPL-K312-500E Download Datasheet	ACPL-K312-500E Datasheet
ACPL-K312-500E Stock	Buy ACPL-K312-500E	Buy Avago Technologies (Broadcom Limited) ACPL-K312-500E
Avago Technologies (Broadcom Limited) ACPL-K312-500E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) ACPL-K312-500E	Avago Technologies Limited ACPL-K312-500E	Avago Technologies US Inc. ACPL-K312-500E
Avago Technologies ACPL-K312-500E	Avago Technologies (Broadcom Limited) ACPL-K312-500E	Broadcom Limited ACPL-K312-500E

Related Products

 ACPL-K30T-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 25917 pcs RFQ	 ACPL-K33T-560E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 44770 pcs RFQ
 ACPL-K33T-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 43784 pcs RFQ	 ACPL-K342-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 27781 pcs RFQ
 ACPL-K312-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 68036 pcs RFQ	 ACPL-K312-560E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 56956 pcs RFQ
 ACPL-K30T-560E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 53609 pcs RFQ	 ACPL-K30T-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 58705 pcs RFQ
 ACPL-K312-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 63023 pcs RFQ	 ACPL-K33T-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 21473 pcs RFQ
 ACPL-K33T-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 17424 pcs RFQ	 ACPL-K30T-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 8SO In stock: 57770 pcs RFQ