

BROADCOM Avago Technologies (Broadcom Limited)

HCPL-315J-000E

Part Number: HCPL-315J-000E
 Manufacturer/Brand: Avago Technologies (Broadcom Limited)
 Product description: OPTOISO 5KV 2CH GATE DRIVER 16SO
 Datasheets: [HCPL-315J-000E.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Stock Condition: 13915 pcs stock
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

REQUEST FOR QUOTATION

Specifications of HCPL-315J-000E

PART NUMBER	HCPL-315J-000E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 2CH GATE DRIVER 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13915 pcs
DATA SHEET	HCPL-315J-000E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.6V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
RISE / FALL TIME (TYP)	100ns, 100ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width), 12 Leads
OTHER NAMES	516-1673-5 HCPL315J000E
OPERATING TEMPERATURE	-40°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
DETAILED DESCRIPTION	600mA Gate Driver Optical Coupling 5000Vrms 2 Channel 16-SO
CURRENT - PEAK OUTPUT	600mA
CURRENT - OUTPUT HIGH, LOW	500mA, 500mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	15kV/μs
APPROVALS	CSA, IEC/EN/DIN, UR

Related Tags

Avago Technologies (Broadcom Limited) HCPL-315J-000E	HCPL-315J-000E Distributor	HCPL-315J-000E Supplier
HCPL-315J-000E Price	HCPL-315J-000E Pictures	HCPL-315J-000E Image
HCPL-315J-000E PDF Datasheet	HCPL-315J-000E Download Datasheet	HCPL-315J-000E Datasheet
HCPL-315J-000E Stock	Buy HCPL-315J-000E	Buy Avago Technologies (Broadcom Limited) HCPL-315J-000E
Avago Technologies (Broadcom Limited) HCPL-315J-000E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) HCPL-315J-000E	Avago Technologies Limited HCPL-315J-000E	Avago Technologies US Inc. HCPL-315J-000E
Avago Technologies HCPL-315J-000E	Avago Technologies (Broadcom Limited) HCPL-315J-000E	Broadcom Limited HCPL-315J-000E

Related Products

<p>HCPL-3150-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 76711 pcs RFQ</p>	<p>HCPL-315J Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 13334 pcs RFQ</p>
<p>HCPL-315J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 31776 pcs RFQ</p>	<p>HCPL-316J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 13408 pcs RFQ</p>
<p>HCPL-3150-560E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 89922 pcs RFQ</p>	<p>HCPL-316J#500 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 20620 pcs RFQ</p>
<p>HCPL-315J#500 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 24735 pcs RFQ</p>	<p>HCPL-316J Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 9323 pcs RFQ</p>
<p>HCPL-3150-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 30520 pcs RFQ</p>	<p>HCPL-3150-360E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 86292 pcs RFQ</p>
<p>HCPL-316J-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 14951 pcs RFQ</p>	<p>HCPL-3180 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 37830 pcs RFQ</p>