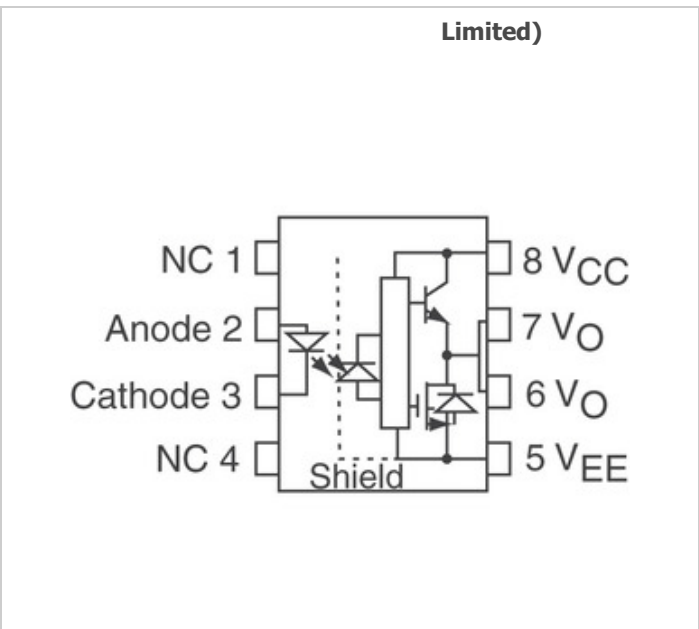


 **BROADCOM**
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Avago Technologies (Broadcom



HCPL-J312-000E

Part Number:	HCPL-J312-000E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 3.75KV 1CH GATE DVR 8DIP
Datasheets:	 HCPL-J312-000E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	28647 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HCPL-J312-000E

PART NUMBER	HCPL-J312-000E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DVR 8DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	28647 pcs
DATA SHEET	 HCPL-J312-000E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.6V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-DIP
SERIES	-
RISE / FALL TIME (TYP)	100ns, 100ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OTHER NAMES	516-1879-5 HCPL-J312-000E-ND HCPLJ312000E
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2.5A Gate Driver Optical Coupling 3750Vrms 1 Channel 8-DIP
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) HCPL-J312-000E	HCPL-J312-000E Distributor	HCPL-J312-000E Supplier
HCPL-J312-000E Price	HCPL-J312-000E Pictures	HCPL-J312-000E Image
HCPL-J312-000E PDF Datasheet	HCPL-J312-000E Download Datasheet	HCPL-J312-000E Datasheet
HCPL-J312-000E Stock	Buy HCPL-J312-000E	Buy Avago Technologies (Broadcom Limited) HCPL-J312-000E
Avago Technologies (Broadcom Limited) HCPL-J312-000E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) HCPL-J312-000E	Avago Technologies Limited HCPL-J312-000E	Avago Technologies US Inc. HCPL-J312-000E
Avago Technologies HCPL-J312-000E	Avago Technologies (Broadcom Limited) HCPL-J312-000E	Broadcom Limited HCPL-J312-000E

Related Products

 BROADCOM connecting everything+ HCPL-J312-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 29229 pcs RFQ	 BROADCOM connecting everything+ HCPL-J312-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 66199 pcs RFQ
 BROADCOM connecting everything+ HCPL-9031-500 Manufacturers: Avago Technologies (Broadcom Limited) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SO In stock: 18244 pcs RFQ	 BROADCOM connecting everything+ HCPL-J312#300 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 45650 pcs RFQ
 BROADCOM connecting everything+ HCPL-J314 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 67597 pcs RFQ	 BROADCOM connecting everything+ HCPL-9031-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SO In stock: 25451 pcs RFQ
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 BROADCOM connecting everything+ HCPL-9031-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: DGTL ISO 2.5KV 2CH GEN PURP 8SO In stock: 26552 pcs RFQ	 HCPL-J312 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 37235 pcs RFQ