



Avago Technologies (Broadcom



Image may be representation. See specifications for product details.

ACPL-312U-000E

Part Number:	ACPL-312U-000E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 3.75KV 1CH GATE DVR 8DIP
Datasheets:	 ACPL-312U-000E.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

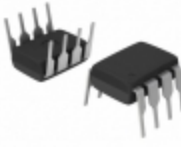
Specifications of ACPL-312U-000E

PART NUMBER	ACPL-312U-000E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DVR 8DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ACPL-312U-000E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-DIP
SERIES	Automotive, AEC-Q100, R ² Coupler™
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	516-2254-5 ACPL-312U-000E-ND ACPL312U000E
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
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)	20mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
APPROVALS	CSA, IEC/EN/DIN, UR

Related Tags

Avago Technologies (Broadcom Limited) ACPL-312U-000E	ACPL-312U-000E Distributor	ACPL-312U-000E Supplier
ACPL-312U-000E Price	ACPL-312U-000E Pictures	ACPL-312U-000E Image
ACPL-312U-000E PDF Datasheet	ACPL-312U-000E Download Datasheet	ACPL-312U-000E Datasheet
ACPL-312U-000E Stock	Buy ACPL-312U-000E	Buy Avago Technologies (Broadcom Limited) ACPL-312U-000E
Avago Technologies (Broadcom Limited) ACPL-312U-000E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) ACPL-312U-000E	Avago Technologies Limited ACPL-312U-000E	Avago Technologies US Inc. ACPL-312U-000E
Avago Technologies ACPL-312U-000E	Avago Technologies (Broadcom Limited) ACPL-312U-000E	Broadcom Limited ACPL-312U-000E

Related Products

 ACPL-312T-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 898 pcs RFQ	 ACPL-3130-360E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ
 ACPL-312T-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ	 ACPL-268KL-300 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP In stock: Out stock RFQ
 ACPL-302J-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: 778 pcs RFQ	 ACPL-3130-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ
 ACPL-312T-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 37 pcs RFQ	 ACPL-312U-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ
 ACPL-3130-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: Out stock RFQ	 ACPL-3130-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: Out stock RFQ
 ACPL-302J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: Out stock RFQ	 ACPL-312U-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ