

**BROADCOM**
connecting everything

Avago Technologies (Broadcom Limited)

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ACPL-312T-300E

Part Number:	ACPL-312T-300E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 3.75KV GATE DRVR 8DIP GW
Datasheets:	 ACPL-312T-300E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18910 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ACPL-312T-300E

PART NUMBER	ACPL-312T-300E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 3.75KV GATE DRVR 8DIP GW
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18910 pcs
DATA SHEET	 ACPL-312T-300E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-DIP Gull Wing
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-SMD, Gull Wing
OTHER NAMES	516-3444 ACPL-312T-300E-ND
OPERATING TEMPERATURE	-40°C ~ 125°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 3750Vrms 1 Channel 8-DIP Gull Wing
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-312T-300E	ACPL-312T-300E Distributor	ACPL-312T-300E Supplier
ACPL-312T-300E Price	ACPL-312T-300E Pictures	ACPL-312T-300E Image
ACPL-312T-300E PDF Datasheet	ACPL-312T-300E Download Datasheet	ACPL-312T-300E Datasheet
ACPL-312T-300E Stock	Buy ACPL-312T-300E	Buy Avago Technologies (Broadcom Limited) ACPL-312T-300E
Avago Technologies (Broadcom Limited) ACPL-312T-300E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) ACPL-312T-300E	Avago Technologies Limited ACPL-312T-300E	Avago Technologies US Inc. ACPL-312T-300E
Avago Technologies ACPL-312T-300E	Avago Technologies (Broadcom Limited) ACPL-312T-300E	Broadcom Limited ACPL-312T-300E

Related Products

BROADCOM connecting everything ACPL-312U-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 40777 pcs RFQ	BROADCOM connecting everything ACPL-268KL-100 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP In stock: 240 pcs RFQ
BROADCOM connecting everything ACPL-302J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: 26847 pcs RFQ	BROADCOM connecting everything ACPL-268KL-200 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 1.5KV 2CH OPEN COL 16DIP In stock: 269 pcs RFQ
BROADCOM connecting everything ACPL-312U-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 47521 pcs RFQ	BROADCOM connecting everything ACPL-3130-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 51191 pcs RFQ
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