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Avago Technologies (Broadcom



Image may be representation. See specifications for product details.

ACPL-31JT-500E

Part Number:	ACPL-31JT-500E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 5KV 1CH GATE DRIVER 16SO
Datasheets:	 ACPL-31JT-500E.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ACPL-31JT-500E

PART NUMBER	ACPL-31JT-500E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ACPL-31JT-500E.pdf
VOLTAGE - SUPPLY	12 V ~ 20 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.55V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	60ns, 50ns
PULSE WIDTH DISTORTION (MAX)	100ns
PROPAGATION DELAY TPLH / TPHL (MAX)	250ns, 250ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 16-SO
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	-
CURRENT - DC FORWARD (IF) (MAX)	20mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	50kV/μs
APPROVALS	CSA, IEC/EN/DIN, UR

Related Tags

Avago Technologies (Broadcom Limited) ACPL-31JT-500E	ACPL-31JT-500E Distributor	ACPL-31JT-500E Supplier
ACPL-31JT-500E Price	ACPL-31JT-500E Pictures	ACPL-31JT-500E Image
ACPL-31JT-500E PDF Datasheet	ACPL-31JT-500E Download Datasheet	ACPL-31JT-500E Datasheet
ACPL-31JT-500E Stock	Buy ACPL-31JT-500E	Buy Avago Technologies (Broadcom Limited) ACPL-31JT-500E
Avago Technologies (Broadcom Limited) ACPL-31JT-500E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) ACPL-31JT-500E	Avago Technologies Limited ACPL-31JT-500E	Avago Technologies US Inc. ACPL-31JT-500E
Avago Technologies ACPL-31JT-500E	Avago Technologies (Broadcom Limited) ACPL-31JT-500E	Broadcom Limited ACPL-31JT-500E

Related Products

 ACPL-3130-360E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ	 ACPL-32JT-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRVR 16SOIC In stock: 703 pcs RFQ
 ACPL-3130-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: Out stock RFQ	 ACPL-330J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: Out stock RFQ
 ACPL-331J-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: Out stock RFQ	 ACPL-32JT-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRVR 16SOIC In stock: Out stock RFQ
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 ACPL-3130-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 900 pcs RFQ	 ACPL-330J-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: 638 pcs RFQ
 ACPL-31JT-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 1CH GATE DRIVER 16SO In stock: 33 pcs RFQ	 ACPL-3130-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: Out stock RFQ