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**Avago Technologies (Broadcom Limited)**

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## ACPL-31JT-000E

Part Number:	ACPL-31JT-000E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description:	OPTOISO 5KV 1CH GATE DRIVER 16SO
Datasheets:	<a href="#">ACPL-31JT-000E.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14013 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-31JT-000E

PART NUMBER	ACPL-31JT-000E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14013 pcs
DATA SHEET	<a href="#">ACPL-31JT-000E.pdf</a>
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, R <sup>2</sup> Coupler™
RISE / FALL TIME (TYP)	60ns, 50ns
PULSE WIDTH DISTORTION (MAX)	100ns
PROPAGATION DELAY TPLH / TPHL (MAX)	250ns, 250ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	516-3292
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 5000Vrms 1 Channel 16-SO
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	750mA, 1A
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-000E	ACPL-31JT-000E Distributor	ACPL-31JT-000E Supplier
ACPL-31JT-000E Price	ACPL-31JT-000E Pictures	ACPL-31JT-000E Image
ACPL-31JT-000E PDF Datasheet	ACPL-31JT-000E Download Datasheet	ACPL-31JT-000E Datasheet
ACPL-31JT-000E Stock	Buy ACPL-31JT-000E	Buy Avago Technologies (Broadcom Limited) ACPL-31JT-000E
Avago Technologies (Broadcom Limited) ACPL-31JT-000E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) ACPL-31JT-000E	Avago Technologies Limited ACPL-31JT-000E	Avago Technologies US Inc. ACPL-31JT-000E
Avago Technologies ACPL-31JT-000E	Avago Technologies (Broadcom Limited) ACPL-31JT-000E	Broadcom Limited ACPL-31JT-000E

### Related Products

<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-300E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW</p> <p>In stock: 63514 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-000E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP</p> <p>In stock: 51191 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-32JT-000E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRVR 16SOIC</p> <p>In stock: 8712 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-32JT-500E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRVR 16SOIC</p> <p>In stock: 19188 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-331J-000E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRIVER 16SO</p> <p>In stock: 16361 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-560E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW</p> <p>In stock: 56065 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-31JT-500E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRIVER 16SO</p> <p>In stock: 29852 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-360E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW</p> <p>In stock: 56983 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-060E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP</p> <p>In stock: 65041 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-330J-000E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRIVER 16SO</p> <p>In stock: 15389 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>
<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-3130-500E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 3.75KV GATE DRVR 8DIP GW</p> <p>In stock: 22456 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>	<div style="display: flex; align-items: center;"> <div> <p><b>ACPL-330J-500E</b></p> <p>Manufacturers: Avago Technologies (Broadcom Limited)</p> <p>Description: OPTOISO 5KV 1CH GATE DRIVER 16SO</p> <p>In stock: 29499 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px; font-weight: bold;">RFQ</p> </div> </div>