



Avago Technologies (Broadcom Limited)

Limited)

VIN+

VIN-

VCC1

GND1

RESET

FAULT

VLED1+

VLED1-

1

2

3

4

5

6

7

8

16

15

14

13

12

11

10

9

VE

VLED2+

DESAT

VCC2

VC

VOUT

VEE

VEE

Image may be representation. See specifications for product details.

HCPL-316J-500E

Part Number:	HCPL-316J-500E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 5KV 2CH GATE DRIVER 16SO
Datasheets:	 HCPL-316J-500E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13408 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of HCPL-316J-500E

PART NUMBER	HCPL-316J-500E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 2CH GATE DRIVER 16SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13408 pcs
DATA SHEET	 HCPL-316J-500E.pdf
VOLTAGE - SUPPLY	15 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
RISE / FALL TIME (TYP)	100ns, 100ns
PULSE WIDTH DISTORTION (MAX)	300ns
PROPAGATION DELAY TPLH / TPHL (MAX)	500ns, 500ns
PACKAGING	Original-Reel®
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	516-1777-6
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	2
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 2 Channel 16-SO
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	2A, 2A
COMMON MODE TRANSIENT IMMUNITY (MIN)	15kV/μs
APPROVALS	CSA, IEC/EN/DIN, UR

Related Tags

Avago Technologies (Broadcom Limited) HCPL-316J-500E	HCPL-316J-500E Distributor	HCPL-316J-500E Supplier
HCPL-316J-500E Price	HCPL-316J-500E Pictures	HCPL-316J-500E Image
HCPL-316J-500E PDF Datasheet	HCPL-316J-500E Download Datasheet	HCPL-316J-500E Datasheet
HCPL-316J-500E Stock	Buy HCPL-316J-500E	Buy Avago Technologies (Broadcom Limited) HCPL-316J-500E
Avago Technologies (Broadcom Limited) HCPL-316J-500E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) HCPL-316J-500E	Avago Technologies Limited HCPL-316J-500E	Avago Technologies US Inc. HCPL-316J-500E
Avago Technologies HCPL-316J-500E	Avago Technologies (Broadcom Limited) HCPL-316J-500E	Broadcom Limited HCPL-316J-500E

Related Products

 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 20620 pcs RFQ	 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 39247 pcs RFQ
 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 13915 pcs RFQ	 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 24735 pcs RFQ
 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 22413 pcs RFQ	 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 25668 pcs RFQ
 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 14951 pcs RFQ	 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 37830 pcs RFQ
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