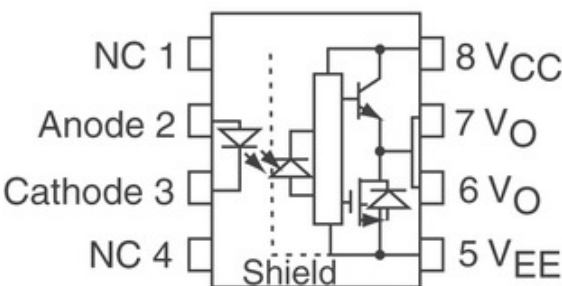


 **BROADCOM**
connecting everything+

Avago Technologies (Broadcom Limited)

Limited)



NC 1
Anode 2
Cathode 3
NC 4

8 V_{CC}
7 V_O
6 V_O
5 V_{EE}

Shield

Image may be representation. See specifications for product details.

HCPL-3180-000E

Part Number:	HCPL-3180-000E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description	OPTOISO 3.75KV 1CH GATE DVR 8DIP
Datasheets:	 HCPL-3180-000E.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	25668 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

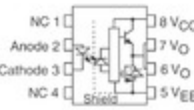
Specifications of HCPL-3180-000E

PART NUMBER	HCPL-3180-000E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 3.75KV 1CH GATE DVR 8DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25668 pcs
DATA SHEET	 HCPL-3180-000E.pdf
VOLTAGE - SUPPLY	10 V ~ 20 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	8-DIP
SERIES	-
RISE / FALL TIME (TYP)	25ns, 25ns
PULSE WIDTH DISTORTION (MAX)	65ns
PROPAGATION DELAY TPLH / TPHL (MAX)	200ns, 200ns
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OTHER NAMES	516-1674-5 HCPL3180000E
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Through Hole
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
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	2A, 2A
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	10kV/μs
APPROVALS	CSA, UR

Related Tags

Avago Technologies (Broadcom Limited) HCPL-3180-000E	HCPL-3180-000E Distributor	HCPL-3180-000E Supplier
HCPL-3180-000E Price	HCPL-3180-000E Pictures	HCPL-3180-000E Image
HCPL-3180-000E PDF Datasheet	HCPL-3180-000E Download Datasheet	HCPL-3180-000E Datasheet
HCPL-3180-000E Stock	Buy HCPL-3180-000E	Buy Avago Technologies (Broadcom Limited) HCPL-3180-000E
Avago Technologies (Broadcom Limited) HCPL-3180-000E	Avago Technologies (Broadcom Limited) Supplier	Avago Technologies (Broadcom Limited) Distributor
Avago Technologies (Broadcom Limited) HCPL-3180-000E	Avago Technologies Limited HCPL-3180-000E	Avago Technologies US Inc. HCPL-3180-000E
Avago Technologies HCPL-3180-000E	Avago Technologies (Broadcom Limited) HCPL-3180-000E	Broadcom Limited HCPL-3180-000E

Related Products

 BROADCOM connecting everything+ HCPL-316J#500 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 20620 pcs RFQ	 BROADCOM connecting everything+ HCPL-315J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 31776 pcs RFQ
 BROADCOM connecting everything+ HCPL-3180-060E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 52748 pcs RFQ	 BROADCOM connecting everything+ HCPL-3180-300 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 39247 pcs RFQ
 BROADCOM connecting everything+ HCPL-3180-360 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 49375 pcs RFQ	 BROADCOM connecting everything+ HCPL-3180 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 31776 pcs RFQ
 BROADCOM connecting everything+ HCPL-316J-000E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 14951 pcs RFQ	 YN+ C1 16 V_{EE} YN- C2 15 V_{LED2+} VCC1 C3 14 DESAT GND1 C4 13 VCC2 RESET C5 12 V_{CC} FAULT C6 11 V_{OUT} VLED1+ C7 10 V_{EE} VLED1- C8 9 V_{EE} HCPL-316J-500E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 13408 pcs RFQ
 BROADCOM connecting everything+ HCPL-316J Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 5KV 2CH GATE DRIVER 16SO In stock: 9323 pcs RFQ	 NC 1 8 V_{CC} Anode 2 7 V_O Cathode 3 6 V_O NC 4 5 V_{EE} Shield HCPL-3180-300E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 22413 pcs RFQ
 BROADCOM connecting everything+ HCPL-3180-360E Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV GATE DRVR 8DIP GW In stock: 50998 pcs RFQ	 BROADCOM connecting everything+ HCPL-3180-060 Manufacturers: Avago Technologies (Broadcom Limited) Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP In stock: 43418 pcs RFQ