



### HCPL-3000-500E

Part Number: **HCPL-3000-500E**  
 Product Description: OPTOISO 5KV BIPOLAR 8SMD GW  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [HCPL-3000-500E.pdf](#)

Manufacturer/Brand: Avago Technologies (Broadcom Limited)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	HCPL-3000-500E	<b>Manufacturer</b>	Avago Technologies (Broadcom Limited)
<b>Description</b>	OPTOISO 5KV BIPOLAR 8SMD GW	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">HCPL-3000-500E.pdf</a>		
<b>Voltage - Supply</b>	5.4 V ~ 13 V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.1V	<b>Type</b>	Power Transistor Driver
<b>Supplier Device Package</b>	8-SMD Gull Wing	<b>Series</b>	-
<b>Rise / Fall Time (Typ)</b>	200ns, 100ns	<b>Propagation Delay tPLH / tPHL (Max)</b>	5µs, 5µs
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	8-SMD, Gull Wing
<b>Operating Temperature</b>	-20°C ~ 80°C	<b>Number of Channels</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input Type</b>	DC
<b>Detailed Description</b>	Optoisolator Power Transistor Driver 5000Vrms 1 Channel 8-SMD Gull Wing	<b>Current - Output / Channel</b>	500mA, 600mA
<b>Current - DC Forward (If) (Max)</b>	25mA	<b>Common Mode Transient Immunity (Min)</b>	10kV/µs
<b>Approvals</b>	UR		

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<p><b>HCPL-3020-060E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3020-060E.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3020-000E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3020-000E.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3020-060</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3020-060.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3020</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3020.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3020-300</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DVR 8DIP GW                  Download: <a href="#">HCPL-3020-300.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3020-300E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DVR 8DIP GW                  Download: <a href="#">HCPL-3020-300E.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-273L#500</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 2CH DARL 8-DIP GW                  Download: <a href="#">HCPL-273L#500.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3000</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV GATE DRVR BIPOLE 8DIP                  Download: <a href="#">HCPL-3000.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-273L-000E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 2CH DARLNG 8-DIP                  Download: <a href="#">HCPL-273L-000E.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3000-000E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV GATE DRVR BIPOLE 8DIP                  Download: <a href="#">HCPL-3000-000E.pdf</a></p> <p><a href="#">RFQ</a></p>
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