



### HCPL-3101-500E

Part Number: **HCPL-3101-500E** Manufacturer/Brand: Avago Technologies (Broadcom Limited)  
 Product Description: OPTOISO 5KV GATE DRIVER 8DIP GW Ship From: Hong Kong  
 RoHs Status: Lead free / RoHS Compliant Shipment Way: DHL/Fedex/TNT/UPS/EMS  
 Datasheets: [HCPL-3101-500E.pdf](#)

[SUBMIT RFQ](#)

Image may be representation.  
See specifications for product details.

#### Product details

<b>Part Number</b>	HCPL-3101-500E	<b>Manufacturer</b>	Avago Technologies (Broadcom Limited)
<b>Description</b>	OPTOISO 5KV GATE DRIVER 8DIP GW	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	HCPL-3101-500E.pdf		
<b>Voltage - Supply</b>	15 V ~ 30 V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.6V	<b>Technology</b>	Optical Coupling
<b>Supplier Device Package</b>	8-DIP Gull Wing	<b>Series</b>	-
<b>Rise / Fall Time (Typ)</b>	200ns, 200ns	<b>Pulse Width Distortion (Max)</b>	-
<b>Propagation Delay tpLH / tpHL (Max)</b>	500ns, 500ns	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	8-SMD, Gull Wing	<b>Operating Temperature</b>	-40°C ~ 85°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>Detailed Description</b>	600mA Gate Driver Optical Coupling 5000Vrms 1 Channel 8-DIP Gull Wing	<b>Current - Peak Output</b>	600mA
<b>Current - Output High, Low</b>	-	<b>Current - DC Forward (If) (Max)</b>	20mA
<b>Common Mode Transient Immunity (Min)</b>	15kV/μs	<b>Approvals</b>	UR

#### Related Products

<p><b>HCPL-3100-300E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV GATE DRIVER 8DIP GW                  Download: <a href="#">HCPL-3100-300E.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3101-000E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP                  Download: <a href="#">HCPL-3101-000E.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3120#500</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DRVR 8DIP GW                  Download: <a href="#">HCPL-3120#500.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3120#300</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DRVR 8DIP GW                  Download: <a href="#">HCPL-3120#300.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3101-300E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV GATE DRIVER 8DIP GW                  Download: <a href="#">HCPL-3101-300E.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3120#360</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DRVR 8DIP GW                  Download: <a href="#">HCPL-3120#360.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3120</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3120.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3101</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP                  Download: <a href="#">HCPL-3101.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3120#560</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV GATE DRVR 8DIP GW                  Download: <a href="#">HCPL-3120#560.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3100-000E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV 1CH GATE DRIVER 8DIP                  Download: <a href="#">HCPL-3100-000E.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL-3120#060</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 3.75KV 1CH GATE DVR 8DIP                  Download: <a href="#">HCPL-3120#060.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL-3100-500E</b>                  Manufacturers: Avago Technologies (Broadcom Limited)                  Description: OPTOISO 5KV GATE DRIVER 8DIP GW                  Download: <a href="#">HCPL-3100-500E.pdf</a></p> <p><a href="#">RFQ</a></p>

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