





Avago Technologies (Broadcom

**ACPL-W314-560E**

Part Number:	ACPL-W314-560E
Manufacturer/Brand:	Avago Technologies (Broadcom Limited)
Product description:	OPTOISO 5KV 1CH GATE DRIVER 6SO
Datasheets:	 <a href="#">ACPL-W314-560E.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS


Limited)



Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

## Specifications of ACPL-W314-560E

PART NUMBER	ACPL-W314-560E
MANUFACTURER	Avago Technologies (Broadcom Limited)
DESCRIPTION	OPTOISO 5KV 1CH GATE DRIVER 6SO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">ACPL-W314-560E.pdf</a>
VOLTAGE - SUPPLY	10 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	1.5V
TECHNOLOGY	Optical Coupling
SUPPLIER DEVICE PACKAGE	6-SO
SERIES	-
RISE / FALL TIME (TYP)	50ns, 50ns
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	700ns, 700ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	6-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 100°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	22 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	600mA Gate Driver Optical Coupling 5000Vrms 1 Channel 6-SO
CURRENT - PEAK OUTPUT	600mA
CURRENT - OUTPUT HIGH, LOW	400mA, 400mA
CURRENT - DC FORWARD (IF) (MAX)	25mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
APPROVALS	CSA, IEC/EN/DIN, UR

## Related Tags

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## Related Products

**ACPL-W302-560E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

[RFQ](#)
**ACPL-W340-060E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

[RFQ](#)
**ACPL-W341-000E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

[RFQ](#)
**ACPL-W340-500E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

[RFQ](#)
**ACPL-W340-000E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

[RFQ](#)
**ACPL-W302-500E**

Manufacturers: Avago Technologies (Broadcom Limited)  
 Description: OPTOISO 5KV 1CH GATE DRIVER 6SO  
 In stock: Out stock

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**ACPL-W340-560E**

Manufacturers: Avago Technologies (Broadcom Limited)  
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**ACPL-W314-500E**

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[RFQ](#)