



Image may be representation.
See specifications for product details.

ACPL-K312-060E

Part Number: **ACPL-K312-060E**
 Product Description: OPTOISO 5KV 1CH GATE DRIVER 8SO
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [ACPL-K312-060E.pdf](#)

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

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Product details

Part Number	ACPL-K312-060E	Manufacturer	Avago Technologies (Broadcom Limited)
Description	OPTOISO 5KV 1CH GATE DRIVER 8SO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	ACPL-K312-060E.pdf		
Voltage - Supply	15 V ~ 30 V	Voltage - Isolation	5000Vrms
Voltage - Forward (Vf) (Typ)	1.5V	Technology	Optical Coupling
Supplier Device Package	8-SO	Series	-
Rise / Fall Time (Typ)	50ns, 50ns	Pulse Width Distortion (Max)	300ns
Propagation Delay tpLH / tpHL (Max)	500ns, 500ns	Packaging	Tube
Package / Case	8-SOIC (0.268", 6.81mm Width)	Operating Temperature	-40°C ~ 100°C
Number of Channels	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	22 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SO
Current - Peak Output	2.5A	Current - Output High, Low	2A, 2A
Current - DC Forward (If) (Max)	25mA	Common Mode Transient Immunity (Min)	15kV/μs
Approvals	CSA, IEC/EN/DIN, UR		

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