



## HCPL0611R2

Part Number: **HCPL0611R2**  
 Product Description: OPTOISO 3.75KV OPN COLLECTOR 8SO  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [HCPL0611R2.pdf](#)

Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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### Product details

<b>Part Number</b>	HCPL0611R2	<b>Manufacturer</b>	AMI Semiconductor / ON Semiconductor
<b>Description</b>	OPTOISO 3.75KV OPN COLLECTOR 8SO	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">HCPL0611R2.pdf</a>		
<b>Voltage - Supply</b>	4.5 V ~ 5.5 V	<b>Voltage - Isolation</b>	3750Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.75V (Max)	<b>Supplier Device Package</b>	8-SO Tall
<b>Series</b>	-	<b>Rise / Fall Time (Typ)</b>	50ns, 12ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	75ns, 75ns	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width)	<b>Output Type</b>	Open Collector
<b>Other Names</b>	HCPL0611R2-ND HCPL0611R2TR	<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>Manufacturer Standard Lead Time</b>	7 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Inputs - Side 1/Side 2</b>	1/0
<b>Input Type</b>	DC	<b>Detailed Description</b>	Logic Output Optoisolator 10Mbps Open Collector 3750Vrms 1 Channel 15kV/μs CMTI 8-SO Tall
<b>Data Rate</b>	10Mbps	<b>Current - Output / Channel</b>	50mA
<b>Current - DC Forward (If) (Max)</b>	50mA	<b>Common Mode Transient Immunity (Min)</b>	15kV/μs

### Related Products

<p><b>HCPL062NR2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 2.5KV 2CH OPEN COLL 8SO                  Download: <a href="#">HCPL062NR2.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL0601R2</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV OPN COLLECTOR 8SO                  Download: <a href="#">HCPL0601R2.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>HCPL062NR1</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 2.5KV 2CH OPEN COLL 8SO                  Download: <a href="#">HCPL062NR1.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>HCPL0601R2V</b>                  Manufacturers: AMI Semiconductor / ON Semiconductor                  Description: OPTOISO 3.75KV OPN COLLECTOR 8SO                  Download: <a href="#">HCPL0601R2V.pdf</a></p> <p><a href="#">RFQ</a></p>
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