

**PS9924-Y-AX**



**Part Number:** [PS9924-Y-AX](#)  
**Manufacturer:** [CEL \(California Eastern Laboratories\)](#)  
**Description:** OPTOISO 7.5KV OPN COLLECTOR 8DIP  
**Data sheet:** [PDF Optocoupler Design Guide](#)  
[PDF PS9924](#)  
[PDF Optocouplers + SSR Brochure](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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**PRODUCT PARAMETER**

Part Number	<a href="#">PS9924-Y-AX</a>
Manufacturer	<a href="#">CEL (California Eastern Laboratories)</a>
Description	OPTOISO 7.5KV OPN COLLECTOR 8DIP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	22472 pcs
Product Photo	<a href="#">PS9924-Y-AX.jpg</a>
Category	<a href="#">Isolators</a>
Voltage - Supply	2.7 V ~ 5.5 V
Voltage - Isolation	7500Vrms
Voltage - Forward (Vf) (Typ)	1.56V
Supplier Device Package	8-LSDIP
Series	-
Rise / Fall Time (Typ)	20ns, 5ns
Propagation Delay tpLH / tpHL (Max)	75ns, 75ns
Packaging	Tube
Package / Case	8-SOIC (0.543", 13.80mm Width)
Output Type	Open Collector
Other Names	PS9924YAX
Operating Temperature	-40°C ~ 110°C
Number of Channels	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Inputs - Side 1/Side 2	1/0
Input Type	DC
Detailed Description	Logic Output Optoisolator 10Mbps Open Collector 7500Vrms 1 Channel 15kV/µs CMTI 8-LSDIP
Data Rate	10Mbps
Current - Output / Channel	25mA
Current - DC Forward (If) (Max)	25mA
Common Mode Transient Immunity (Min)	15kV/µs

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	Part#: <a href="#">PS9905-Y-F3-AX</a> Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 21620	<a href="#">RFQ</a>
	Part#: <a href="#">PS9905-Y-AX</a> Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP	Manufacturers: <a href="#">CEL (California Eastern Laboratories)</a> In Stock: 19039	<a href="#">RFQ</a>
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	Part#: <a href="#">PS9851-2-V-F3-AX</a> Description: OPTOISO 2.5KV 2CH PSH PULL 8SSOP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 38377	<a href="#">RFQ</a>
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	Part#: <a href="#">PS9905-Y-V-F3-AX</a> Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP	Manufacturers: <a href="#">CEL (California Eastern Laboratories)</a> In Stock: 4581	<a href="#">RFQ</a>
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	Part#: <a href="#">PS9851-2-V-AX</a> Description: OPTOISO 2.5KV 2CH PSH PULL 8SSOP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 19084	<a href="#">RFQ</a>
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	Part#: <a href="#">PS9905-NR-AX</a> Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP	Manufacturers: <a href="#">CEL (California Eastern Laboratories)</a> In Stock: 5912	<a href="#">RFQ</a>
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	Part#: <a href="#">PS9924-Y-F3-AX</a> Description: OPTOISO 7.5KV OPN COLLECTOR 8DIP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 28701	<a href="#">RFQ</a>
	Part#: <a href="#">PS9851-2-V-F3-AX</a> Description: OPTOISO 2.5KV 2CH PSH PULL 8SSOP	Manufacturers: <a href="#">CEL (California Eastern Laboratories)</a> In Stock: 4310	<a href="#">RFQ</a>
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