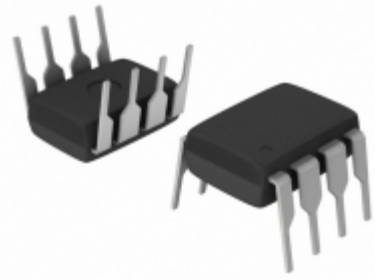


ALD2301CPAL




ADVANCED  
LINEAR  
DEVICES, INC.

**Part Number:** [ALD2301CPAL](#)

**Manufacturer:** [Advanced Linear Devices, Inc.](#)

**Description:** IC COMP VOLT CMOS OD DUAL 8DIP

**Data sheet:**  [ALD2301\(A,B,C\)](#)

**RoHs Status:** Lead free / RoHS Compliant

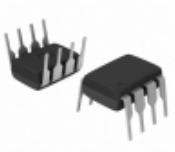





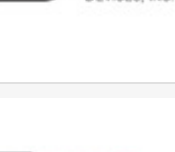






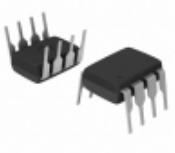





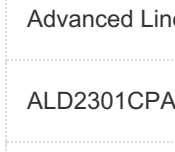
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	ALD2301CPAL	Manufacturer	<a href="#">Advanced Linear Devices, Inc.</a>
Description	IC COMP VOLT CMOS OD DUAL 8DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31129 pcs	Data sheet	<a href="#">ALD2301(A,B,C)</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply, Single/Dual (±)	3 V ~ 10 V, ±1.5 V ~ 5 V
Voltage - Input Offset (Max)	20mV @ 5V	Type	General Purpose
Supplier Device Package	8-PDIP	Series	-
Propagation Delay (Max)	-	Packaging	Tube
Package / Case	8-DIP (0.300", 7.62mm)	Output Type	CMOS, NMOS, Open-Drain, TTL
Other Names	1014-1104	Operating Temperature	0°C ~ 70°C
Number of Elements	2	Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Hysteresis	-
Detailed Description	Comparator General Purpose CMOS, NMOS, Open-Drain, TTL 8-PDIP	Current - Quiescent (Max)	180µA
Current - Output (Typ)	60mA	Current - Input Bias (Max)	4pA @ 5V
CMRR, PSRR (Typ)	-		
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RELATED PRODUCTS			
	Part#: <a href="#">ALD2302APAL</a> Description: IC COMP VOLT PUSH-PULL DL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301ASAL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD224620DNUR</a> Description: 30MM PB MOM 240V TR 2NO RED	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2302SAL</a> Description: IC COMP VOLT PUSH-PULL DL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301PAL</a> Description: IC COMP VOLT CMOS OD DUAL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301SAL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301SAIL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD224620DNUY</a> Description: 30MM PB MOM 240V TR 2NO YEL	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301BPAL</a> Description: IC COMP VOLT CMOS OD DUAL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2303APAL</a> Description: IC COMP VOLT CMOS OD DUAL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD224620DNUS</a> Description: 30MM PB MOM 240V TR 2NO BLU	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2300T8</a> Description: ACCY SWITCH OPERATOR TWND	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2303ASAL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301CSAL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301APAL</a> Description: IC COMP VOLT CMOS OD DUAL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD224620DNUW</a> Description: 30MM PB MOM 240V TR 2NO WHT	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2302ASAL</a> Description: IC COMP VOLT PUSH-PULL DL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2301BSAL</a> Description: IC COMP VOLT CMOS OD DUAL 8SOIC	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD2302PAL</a> Description: IC COMP VOLT PUSH-PULL DL 8DIP	Manufacturers: <a href="#">Advanced Linear Devices, Inc.</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ALD224620DNUG</a> Description: 30MM PB MOM 240V TR 2NO GRN	Manufacturers: <a href="#">IDEC</a>	<a href="#">RFQ</a>

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