

LTC2301IDE#TRPBF





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Part Number: [LTC2301IDE#TRPBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC ADC 12-BIT 1CHN 12-DFN

Data sheet:  [LTC2301/05](#)

RoHs Status: Lead free / RoHS Compliant

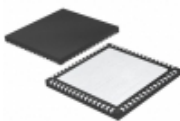
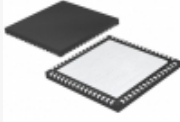
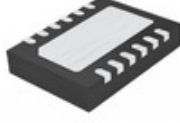
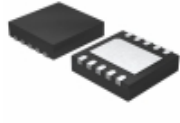
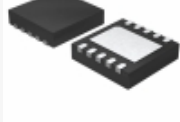
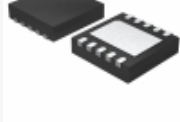
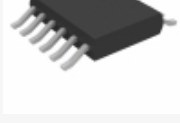
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PRODUCT PARAMETER			
Part Number	LTC2301IDE#TRPBF	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC ADC 12-BIT 1CHN 12-DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35307 pcs	Data sheet	LTC2301/05
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	5V
Voltage - Supply, Analog	5V	Supplier Device Package	12-DFN (4x3)
Series	-	Sampling Rate (Per Second)	14k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	12-WDFDN Exposed Pad
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	12	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential, Single Ended
Features	Selectable Address	Detailed Description	12 Bit Analog to Digital Converter 1 Input 1 SAR 12-DFN (4x3)
Data Interface	I ² C	Configuration	MUX-S/H-ADC
Base Part Number	LTC2301	Architecture	SAR
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RELATED PRODUCTS			
	Part#: LTC2299IUP#PBF Description: IC ADC DUAL 14BIT 80MSPS 64QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2299IUP#TRPBF Description: IC ADC DUAL 14BIT 80MSPS 64QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2301CDE#PBF Description: IC ADC 12BIT I2C 12-DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2305CDE#PBF Description: IC ADC 12-BIT 2CHN 12-DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2302IDD#PBF Description: IC ADC 12BIT 1CH 500KSPS 10-DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2299IUP Description: IC ADC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2301IMS#PBF Description: IC ADC 12BIT I2C 12-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2302CDD#PBF Description: IC ADC 12BIT 1CH 500KSPS 10-DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC2301HMS#PBF Description: IC ADC 12-BIT 1CHN 12-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

Related keywords for LTC2301IDE#TRPBF			
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