

LTC2358ILX-16#PBF




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Part Number: [LTC2358ILX-16#PBF](#)

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

Description: IC ADC 16BIT 200KSPS 48-LQFP

Data sheet:  [LTC2358xLX-16 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

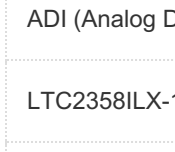
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PRODUCT PARAMETER			
Part Number	LTC2358ILX-16#PBF	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC ADC 16BIT 200KSPS 48-LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3722 pcs	Data sheet	LTC2358xLX-16 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.71 V ~ 5.25 V
Voltage - Supply, Analog	7.5 V ~ 38 V	Supplier Device Package	48-LQFP (7x7)
Series	SoftSpan™	Sampling Rate (Per Second)	200k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	48-LQFP
Operating Temperature	-40°C ~ 85°C	Number of Inputs	8
Number of Bits	16	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential, Pseudo-Differential, Single Ended
Features	Simultaneous Sampling	Detailed Description	16 Bit Analog to Digital Converter 8 Input 1 SAR 48-LQFP (7x7)
Data Interface	LVDS - Serial, SPI	Configuration	S/H-MUX-ADC
Base Part Number	LTC2358	Architecture	SAR
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	Part#: LTC2360HS6#TRMPBF Description: IC ADC 12BIT 100KSPS TSOT23-6	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2357CLX-16#PBF Description: IC ADC 16BIT 350KSPS 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2360CS6#TRPBF Description: IC ADC 12BIT 100KSPS TSOT23-6	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2358ILX-18#PBF Description: IC ADC 18BIT 200KSPS 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2358CLX-16#PBF Description: IC ADC 16BIT 200KSPS 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC2358HLX-18#PBF Description: IC ADC 18BIT 200KSPS 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC2360HTS8 Description: IC ADC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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