

**LTC2358ILX-16#PBF Information**


For Reference Only

**Part Number** [LTC2358ILX-16#PBF](#)  
**Manufacturer** Linear Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 16BIT 200KSPS 48-LQFP  
**Package** 48-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**LTC2358ILX-16#PBF Specifications**

Manufacturer Part Number	<a href="#">LTC2358ILX-16#PBF</a>
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) <a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a>
Package	48-LQFP
Series	SoftSpan?
Number of Bits	16
Sampling Rate (Per Second)	200k
Number of Inputs	8
Input Type	Differential, Pseudo-Differential, Single Ended
Data Interface	LVDS - Serial, SPI
Configuration	S/H-MUX-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	External, Internal
Voltage - Supply, Analog	7.5 V ~ 38 V
Voltage - Supply, Digital	1.71 V ~ 5.25 V
Features	Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)
Mounting Type	-

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## LTC2358ILX-16#PBF Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## LTC2358ILX-16#PBF Payment Methods



## LTC2358ILX-16#PBF Shipping Methods



If you have any question about LTC2358ILX-16#PBF, please do not hesitate to contact us!

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