

LTC2358ILX-18#PBF Information


For Reference Only

Part Number [LTC2358ILX-18#PBF](#)
Manufacturer Linear Technology
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 18BIT 200KSPS 48LQFP
Package 48-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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-18#PBF Specifications

Manufacturer Part Number	LTC2358ILX-18#PBF
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
Package	48-LQFP
Series	SoftSpan?
Number of Bits	18
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 (TA)
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)
Mounting Type	-

[Report errors?](#)

LTC2358ILX-18#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-18#PBF Payment Methods



LTC2358ILX-18#PBF Shipping Methods



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