

LTC2305HMS#TRPBF Information


For Reference Only

Part Number [LTC2305HMS#TRPBF](#)
Manufacturer Linear Technology
Category Integrated Circuits (ICs)
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)
Description IC ADC 12-BIT 2CHN 12-MSOP
Package 12-TSSOP (0.118", 3.00mm Width)
 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.


LTC2305HMS#TRPBF Specifications

Manufacturer Part Number	LTC2305HMS#TRPBF
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)
Package	12-TSSOP (0.118", 3.00mm Width)
Series	-
Number of Bits	12
Sampling Rate (Per Second)	14k
Number of Inputs	2
Input Type	Differential, Single Ended
Data Interface	I2C
Configuration	MUX-S/H-ADC
Ratio - S/H:ADC	1:1
Number of A/D Converters	1
Architecture	SAR
Reference Type	External, Internal
Voltage - Supply, Analog	5V
Voltage - Supply, Digital	5V
Features	Selectable Address
Operating Temperature	-40°C ~ 125°C
Package / Case	12-TSSOP (0.118", 3.00mm Width)
Supplier Device Package	12-MSOP
Mounting Type	-

[Report errors?](#)

LTC2305HMS#TRPBF 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.

LTC2305HMS#TRPBF Payment Methods



LTC2305HMS#TRPBF Shipping Methods



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