



Image may be representation.  
See specifications for product details.

### LTC2381IMS-16#TRPBF

Part Number: **LTC2381IMS-16#TRPBF**  
 Product Description: IC ADC 16BIT 1CH 250KSPS 16-MSOP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [LTC2381IMS-16#TRPBF.pdf](#)

Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

**SUBMIT RFQ** >

#### Product details

<b>Part Number</b>	LTC2381IMS-16#TRPBF	<b>Manufacturer</b>	ADI (Analog Devices, Inc.)
<b>Description</b>	IC ADC 16BIT 1CH 250KSPS 16-MSOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	LTC2381IMS-16#TRPBF.pdf		
<b>Voltage - Supply, Digital</b>	2.375 V ~ 2.625 V	<b>Voltage - Supply, Analog</b>	2.375 V ~ 2.625 V
<b>Supplier Device Package</b>	16-MSOP	<b>Series</b>	-
<b>Sampling Rate (Per Second)</b>	250k	<b>Reference Type</b>	External
<b>Ratio - S/H:ADC</b>	1:1	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	16-TFSOP (0.118", 3.00mm Width)	<b>Operating Temperature</b>	-40°C ~ 85°C
<b>Number of Inputs</b>	1	<b>Number of Bits</b>	16
<b>Number of A/D Converters</b>	1	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	14 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Input Type</b>	Differential	<b>Features</b>	-
<b>Detailed Description</b>	16 Bit Analog to Digital Converter 1 Input 1 SAR 16-MSOP	<b>Data Interface</b>	SPI
<b>Configuration</b>	S/H-ADC	<b>Base Part Number</b>	LTC2381
<b>Architecture</b>	SAR		

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