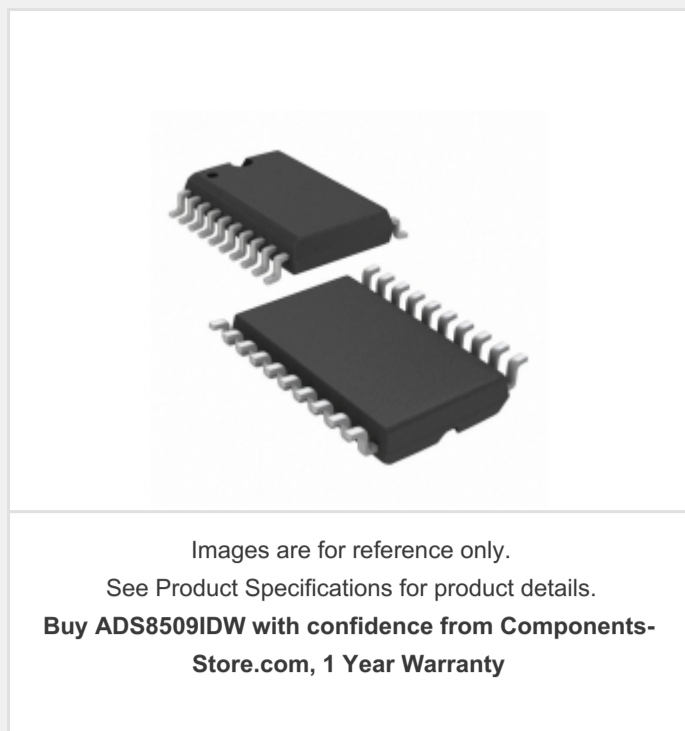


ADS8509IDW



Part Number: [ADS8509IDW](#)
Manufacturer: [Luminary Micro / Texas Instruments](#)
Description: IC ADC 16BIT 250KSPS SRL 20SOIC
Data sheet: [ADS8509](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	ADS8509IDW
Manufacturer	Luminary Micro / Texas Instruments
Description	IC ADC 16BIT 250KSPS SRL 20SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7593 pcs
Product Photo	ADS8509IDW-001.jpg , ADS8509IDW-002.jpg
Category	Integrated Circuits (ICs)
Voltage - Supply, Digital	5V
Voltage - Supply, Analog	5V
Supplier Device Package	20-SOIC
Series	-
Sampling Rate (Per Second)	250k
Reference Type	External, Internal
Ratio - S/H:ADC	1:1
Packaging	Tube
Package / Case	20-SOIC (0.295", 7.50mm Width)
Other Names	296-18087-5
Operating Temperature	-40°C ~ 85°C
Number of Inputs	1
Number of Bits	16
Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Single Ended
Features	-
Detailed Description	16 Bit Analog to Digital Converter 1 Input 1 SAR 20-SOIC
Data Interface	SPI
Configuration	S/H-ADC
Base Part Number	ADS8509
Architecture	SAR

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	Part#: ADS8509IBDWR Description: IC ADC 16BIT 250KSPS SRL 20-SOIC	Manufacturers: Luminary Micro / Texas Instruments In Stock: 5308	RFQ
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	Part#: ADS8512IDW Description: IC ADC 12BIT 40KSPS 16-SOIC	Manufacturers: Luminary Micro / Texas Instruments In Stock: 18308	RFQ
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