

N/A

### ADS7951QDBTRQ1

Part Number: ADS7951QDBTRQ1  
 Manufacturer/Brand: N/A  
 Product description: IC ADC 12BIT 1MSPS 8CH 30TSSOP  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of ADS7951QDBTRQ1

PART NUMBER	ADS7951QDBTRQ1
MANUFACTURER	N/A
DESCRIPTION	IC ADC 12BIT 1MSPS 8CH 30TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY, DIGITAL	1.7 V ~ 5.25 V
VOLTAGE - SUPPLY, ANALOG	2.7 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	30-TSSOP
SERIES	Automotive, AEC-Q100
SAMPLING RATE (PER SECOND)	1M
REFERENCE TYPE	External
RATIO - S/H:ADC	1:1
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	30-TFSOP (0.173", 4.40mm Width)
OTHER NAMES	296-38000-1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF INPUTS	8
NUMBER OF BITS	12
NUMBER OF A/D CONVERTERS	1
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Single Ended
FEATURES	PGA
DETAILED DESCRIPTION	12 Bit Analog to Digital Converter 8 Input 1 SAR 30-TSSOP
DATA INTERFACE	SPI
CONFIGURATION	MUX-PGA-S/H-ADC
BASE PART NUMBER	ADS7951
ARCHITECTURE	SAR

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#### Related Products

<p><b>ADS7951SDBBT</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 8CH 30-TSSOP                  In stock: 21057 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7950SDBTRG4</b>                  Manufacturers: N/A                  Description: IC ADC 12-BIT 1MSPS 4CH 30-TSSOP                  In stock: 31874 pcs  <a href="#">RFQ</a></p>
<p><b>ADS7950SDBTG4</b>                  Manufacturers: N/A                  Description: IC ADC 12-BIT 1MSPS 4CH 30TSSOP                  In stock: 17474 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7950SRGER</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 4CH 24VQFN                  In stock: 41840 pcs  <a href="#">RFQ</a></p>
<p><b>ADS7950SRGET</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 4CH 24VQFN                  In stock: 32557 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7951SDBBTR</b>                  Manufacturers: Texas Instruments                  Description: IC ADC 12BIT SER 1M 30TSSOP                  In stock: 28540 pcs  <a href="#">RFQ</a></p>
<p><b>ADS7950SDBT</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 4CH 30-TSSOP                  In stock: 28798 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7951SDBT</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 8CH 30-TSSOP                  In stock: 24666 pcs  <a href="#">RFQ</a></p>
<p><b>ADS7951SDBBTG4</b>                  Manufacturers: N/A                  Description: IC ADC 12-BIT 1MSPS 8CH 30-TSSOP                  In stock: 13574 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7950SDBTR</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT SER 1M 30TSSOP                  In stock: 33165 pcs  <a href="#">RFQ</a></p>
<p><b>ADS7951SBRGET</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 8CH 24VQFN                  In stock: 25377 pcs  <a href="#">RFQ</a></p>	<p><b>ADS7951SBRGER</b>                  Manufacturers: N/A                  Description: IC ADC 12BIT 1MSPS 8CH 24VQFN                  In stock: 30510 pcs  <a href="#">RFQ</a></p>