

ADS6442IRGCT



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Part Number: [ADS6442IRGCT](#)

Manufacturer: [N/A](#)

Description: [IC ADC 14BIT 65MSPS 4CH 64VQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADS6442IRGCT	Manufacturer	N/A
Description	IC ADC 14BIT 65MSPS 4CH 64VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	967 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	3 V ~ 3.6 V
Voltage - Supply, Analog	3 V ~ 3.6 V	Supplier Device Package	64-VQFN (9x9)
Series	-	Sampling Rate (Per Second)	65M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Original-Reel®	Package / Case	64-VFQFN Exposed Pad
Other Names	296-21942-6	Operating Temperature	-40°C ~ 85°C
Number of Inputs	4	Number of Bits	14
Number of A/D Converters	4	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	20 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Differential	Features	Simultaneous Sampling
Detailed Description	14 Bit Analog to Digital Converter 4 Input 4 Pipelined 64-VQFN (9x9)	Data Interface	LVDS - Serial
Configuration	S/H-ADC	Base Part Number	ADS6442
Architecture	Pipelined		
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RELATED PRODUCTS			
	Part#: ADS6425IRGCR Description: IC ADC 12BIT SER/PAR 125M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6425IRGCT Description: IC ADC 12BIT 125MSPS QUAD 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6425IRGC25 Description: IC ADC 12B SER/PAR 125M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6444IRGCTG4 Description: IC ADC 14BIT SER/PAR 105M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6442IRGCR Description: IC ADC 14BIT SER/PAR 65M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6444IRGCT Description: IC ADC 14BIT 105MSPS 4CH 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6445EVM Description: EVAL MODULE FOR ADS6445	Manufacturers: N/A	RFQ
	Part#: ADS6424IRGCT Description: IC ADC 12BIT 105MSPS QUAD 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6444EVM Description: EVAL MODULE FOR ADS6444	Manufacturers: N/A	RFQ
	Part#: ADS6443IRGC25 Description: IC ADC 14B SER/PAR 80M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6442EVM Description: EVAL MODULE FOR ADS6442	Manufacturers: N/A	RFQ
	Part#: ADS6442IRGC25 Description: IC ADC 14B SER/PAR 65M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6424IRGC25 Description: IC ADC 12B SER/PAR 105M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6443IRGCR Description: IC ADC 14BIT SER/PAR 80M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6443IRGCT Description: IC ADC 14BIT 80MSPS 4CH 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6443EVM Description: ADS6443EVM	Manufacturers: N/A	RFQ
	Part#: ADS6424IRGCR Description: IC ADC 12BIT SER/PAR 105M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6444IRGCR Description: IC ADC 14BIT SER/PAR 105M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6444IRGC25 Description: IC ADC 14B SER/PAR 105M 64VQFN	Manufacturers: N/A	RFQ
	Part#: ADS6425EVM Description: EVAL MODULE FOR ADS6425	Manufacturers: N/A	RFQ

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