



ADC1413D105HN-C18




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Part Number: [ADC1413D105HN-C18](#)

Manufacturer: [IDT \(Integrated Device Technology\)](#)

Description: ADC 14BIT DUAL 105MSPS 56VQFPF

Data sheet:  [ADC1413D](#)







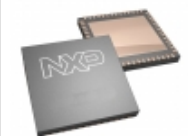










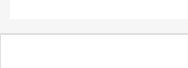
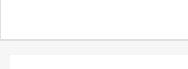
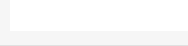
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ADC1413D105HN-C18	Manufacturer	IDT (Integrated Device Technology)
Description	ADC 14BIT DUAL 105MSPS 56VQFPF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4461 pcs	Data sheet	ADC1413D
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.65 V ~ 1.95 V
Voltage - Supply, Analog	2.85 V ~ 3.4 V	Supplier Device Package	56-VQFPN (8x8)
Series	-	Sampling Rate (Per Second)	105M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	56-VQFN Exposed Pad
Other Names	IDTADC1413D105HN-C18 IDTADC1413D105HN-C18-ND	Operating Temperature	-40°C ~ 85°C
Number of Inputs	2	Number of Bits	14
Number of A/D Converters	2	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential, Single Ended
Features	Simultaneous Sampling	Detailed Description	14 Bit Analog to Digital Converter 2 Input 2 Pipelined 56-VQFPN (8x8)
Data Interface	JESD204A	Configuration	S/H-ADC
Architecture	Pipelined		
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RELATED PRODUCTS			
	Part#: ADC1413D125HN-C18 Description: ADC 14BIT DUAL 125MSPS 56VQFPF	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080HN-C1 Description: ADC 14BIT DUAL 80MSPS 56VQFPF	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D105HN/C1,5 Description: ADC 14BIT DUAL 105MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080W1-DB Description: BOARD DEMO FOR ADC1413D080W1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D105W1-DB Description: BOARD DEMO FOR ADC1413D105W1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080HN-C18 Description: ADC 14BIT DUAL 80MSPS 56VQFPF	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D125HN/C1,5 Description: IC ADC 14BIT SRL/SPI 56HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1413D125W1-DB Description: BOARD DEMO FOR ADC1413D125W1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D105HN-C1 Description: ADC 14BIT DUAL 105MSPS 56VQFPF	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080W2-DB Description: BOARD DEMO FOR ADC1413D080W2	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D065WO-DB Description: BOARD DEMO FOR ADC1413D065WO	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D125WO-DB Description: BOARD DEMO FOR ADC1413D125WO	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D105HN/C1,5 Description: ADC 14BIT DUAL 105MSPS 56HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1413D065W1-DB Description: BOARD DEMO FOR ADC1413D065W1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080HN/C1,5 Description: ADC 14BIT DUAL 80MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D080HN/C1,5 Description: ADC 14BIT DUAL 80MSPS 56HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1413D080WO-DB Description: BOARD DEMO FOR ADC1413D080W0	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D105WO-DB Description: BOARD DEMO FOR ADC1413D105W0	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D125HN-C1 Description: ADC 14BIT DUAL 125MSPS 56VQFPF	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1413D125HN/C1,5 Description: ADC 14BIT DUAL 125MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ

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