

ADC1610S125HN/C1,5



**Integrated Device Technology**

Part Number: [ADC1610S125HN/C1,5](#)

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

Description: IC ADC 16BIT SRL/SPI 40HVQFN

Data sheet:  [ADC1610S Series](#)

RoHs Status: Lead free / RoHS Compliant

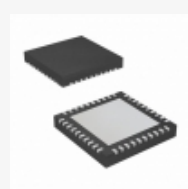
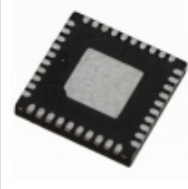
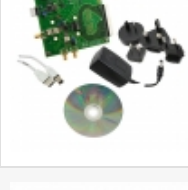
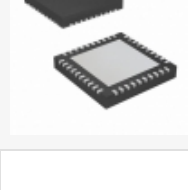
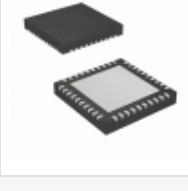
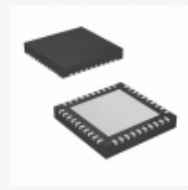
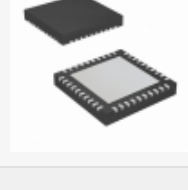
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PRODUCT PARAMETER			
Part Number	ADC1610S125HN/C1,5	Manufacturer	IDT (Integrated Device Technology)
Description	IC ADC 16BIT SRL/SPI 40HVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2981 pcs	Data sheet	ADC1610S Series
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.65 V ~ 3.6 V
Voltage - Supply, Analog	2.85 V ~ 3.4 V	Supplier Device Package	40-HVQFN (6x6)
Series	-	Sampling Rate (Per Second)	125M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	40-VFQFN Exposed Pad
Other Names	568-5093 568-5093-ND	Operating Temperature	-40°C ~ 85°C
Number of Inputs	1	Number of Bits	16
Number of A/D Converters	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential, Single Ended
Features	-	Detailed Description	16 Bit Analog to Digital Converter 1 Input 1 Pipelined 40-HVQFN (6x6)
Data Interface	LVDS - Parallel, Parallel	Configuration	S/H-ADC
Base Part Number	ADC1610S	Architecture	Pipelined
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RELATED PRODUCTS			
	Part#: ADC1613D105HN-C1 Description: IC ADC 16BIT 2CH 105MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S125F2-DB Description: BOARD DEMO FOR ADC1610S125F2	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1613D080HN-C18 Description: IC ADC 16BIT 2CH 80MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S065HN/C1,5 Description: ADC 16BIT SGL 65MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1613D065HN-C1 Description: IC ADC 16BIT 2CH 65MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S080HN/C1,5 Description: ADC 16BIT SGL 80MSPS 40HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1610S125HN-C1 Description: ADC 16BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S125HN-C18 Description: ADC 16BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1613D080HN/C1,5 Description: ADC 16BIT DUAL 80MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S125F2/DB,598 Description: BOARD DEMO FOR ADC1610S12F2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1610S125F1-DB Description: BOARD DEMO FOR ADC1610S12F1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1610S125HN/C1,5 Description: ADC 16BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1613D065HN-C18 Description: IC ADC 16BIT 2CH 65MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1613D080HN/C1,5 Description: ADC 16BIT DUAL 80MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: ADC1613D065HN/C1,5 Description: ADC 16BIT DUAL 65MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: ADC1613D065HN/C1,5 Description: ADC 16BIT DUAL 65MSPS 56HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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