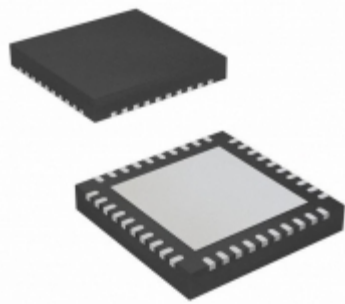


ADC1415S105HN/C1:5





Integrated Device Technology

Part Number: [ADC1415S105HN/C1:5](#)

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

Description: ADC 14BIT SGL 105MSPS 40HVQFN

Data sheet:  [ADC1415S Series](#)

RoHs Status: Lead free / RoHS Compliant

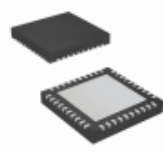
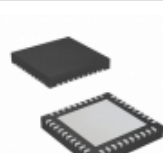
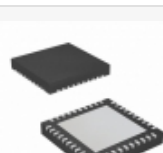
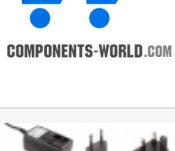
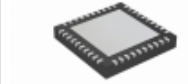
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADC1415S105HN/C1:5	Manufacturer	IDT (Integrated Device Technology)
Description	ADC 14BIT SGL 105MSPS 40HVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5607 pcs	Data sheet	ADC1415S Series
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.85 V ~ 3.4 V, 5V
Voltage - Supply, Analog	2.85 V ~ 3.4 V, 5V	Supplier Device Package	40-HVQFN (6x6)
Series	-	Sampling Rate (Per Second)	105M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	40-VFQFN Exposed Pad
Other Names	935289031518 ADC1415S105HN,518 ADC1415S105HN,518-ND	Operating Temperature	-40°C ~ 85°C
Number of Inputs	1	Number of Bits	14
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	14 Bit Analog to Digital Converter 1 Input 1 Pipelined 40-HVQFN (6x6)
Data Interface	LVDS - Parallel, Parallel	Configuration	S/H-ADC
Base Part Number	ADC1415S	Architecture	Pipelined
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	Part#: ADC1415S080HN-C18 Description: IC ADC 14BIT SGL 80MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1415S125HN-C18 Description: IC ADC 14BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1415S080F2-DB Description: BOARD DEMO FOR ADC1415S080F2	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1415S080HN-C1 Description: IC ADC 14BIT SGL 80MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1415S125/DB,598 Description: BOARD DEMO FOR ADC1415S125	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1415S125F1/DB Description: BOARD DEMO FOR ADC1415S125	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: ADC1415S080HN/C1,5 Description: ADC 14BIT SGL 80MSPS 40HVQFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: ADC1415S105HN-C18 Description: IC ADC 14BIT SGL 105MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: ADC1415S125HN/C1,5 Description: ADC 14BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: ADC1415S080HN/C1:5 Description: ADC 14BIT SGL 80MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: ADC1415S125HN-C1 Description: IC ADC 14BIT SGL 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ

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