

IDTADC1210S105HN-C18



Part Number: [IDTADC1210S105HN-C18](#)

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

Description: IC ADC 12BIT 1CH 105MSPS 40HVQFN

Data sheet:  [IDTADC1210S](#)

RoHs Status: Lead free / RoHS Compliant

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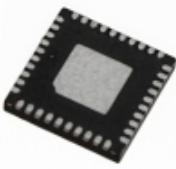
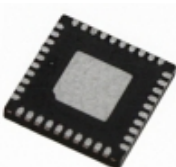
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PRODUCT PARAMETER			
Part Number	IDTADC1210S105HN-C18	Manufacturer	IDT (Integrated Device Technology)
Description	IC ADC 12BIT 1CH 105MSPS 40HVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5330 pcs	Data sheet	IDTADC1210S
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.85 V ~ 3.4 V
Voltage - Supply, Analog	2.85 V ~ 3.4 V	Supplier Device Package	40-VFQFPN (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
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	12	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	12 Bit Analog to Digital Converter 1 Input 1 Pipelined 40-VFQFPN (6x6)	Data Interface	LVDS - Parallel, Parallel
Configuration	S/H-ADC	Architecture	Pipelined

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	Part#: IDTADC1210S080HN-C18 Description: IC ADC 12BIT 1CH 80MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: IDTADC1212D065HN-C1 Description: IC ADC 12BIT 2CH 65MSPS 64VFQFPN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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