

IDTADC1212D105HN-C18



**IDT**
Integrated Device Technology

Part Number: [IDTADC1212D105HN-C18](#)

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

Description: IC ADC 12BIT 2CH 105MSPS 64VQFN

Data sheet:  [ADC1212D](#)

RoHs Status: Lead free / RoHS Compliant

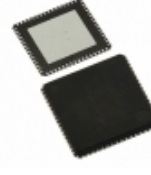
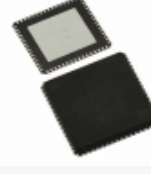
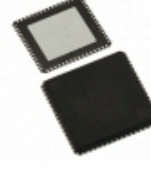
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PRODUCT PARAMETER			
Part Number	IDTADC1212D105HN-C18	Manufacturer	IDT (Integrated Device Technology)
Description	IC ADC 12BIT 2CH 105MSPS 64VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4068 pcs	Data sheet	ADC1212D
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	64-VFQFPN (9x9)
Series	-	Sampling Rate (Per Second)	105M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	64-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	Features	-
Detailed Description	12 Bit Analog to Digital Converter 1 Input 1 Pipelined 64-VFQFPN (9x9)	Data Interface	LVDS - Parallel, Parallel
Configuration	S/H-ADC	Architecture	Pipelined
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