



ADC1213D105HN-C1



**Part Number:** [ADC1213D105HN-C1](#)

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

**Description:** IC ADC 12BIT 2CH 105NS 56VQFP

**Data sheet:**  [ADC1213D](#)

**RoHs Status:** Lead free / RoHS Compliant











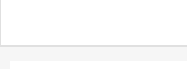









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**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	ADC1213D105HN-C1	Manufacturer	<a href="#">IDT (Integrated Device Technology)</a>
Description	IC ADC 12BIT 2CH 105NS 56VQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5692 pcs	Data sheet	<a href="#">ADC1213D</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply, Digital	1.65 V ~ 1.95 V
Voltage - Supply, Analog	2.85 V ~ 3.4 V	Supplier Device Package	56-VFQFPN (8x8)
Series	-	Sampling Rate (Per Second)	105M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	56-VFQFN Exposed Pad
Other Names	IDTADC1213D105HN-C1 IDTADC1213D105HN-C1-ND	Operating Temperature	-40°C ~ 85°C
Number of Inputs	2	Number of Bits	12
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	12 Bit Analog to Digital Converter 2 Input 2 Pipelined 56-VFQFPN (8x8)
Data Interface	JESD204A	Configuration	S/H-ADC
Architecture	Pipelined		
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	Part#: <a href="#">ADC1213D105WO-DB</a> Description: BOARD DEMO ADC1213D105WO	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
	Part#: <a href="#">ADC1213D105HN/C1/5</a> Description: ADC 12BIT DUAL 105MSPS 56HVQFN	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">ADC1213D105HN/C1,5</a> Description: ADC 12BIT DUAL 105MSPS 56HVQFN	Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>	<a href="#">RFQ</a>
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