

IDTADC1010S080HN-C1



Part Number: [IDTADC1010S080HN-C1](#)

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

Description: IC ADC 10BIT 1CH 80MSPS 40HVQFN

Data sheet:  [ADC1010S Series](#)

RoHs Status: Lead free / RoHS Compliant

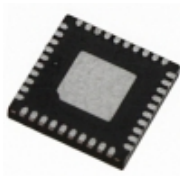
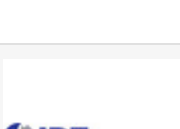
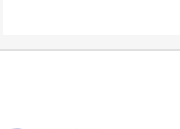
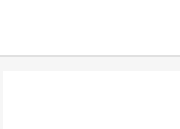
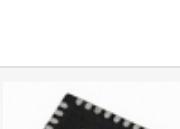
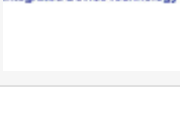
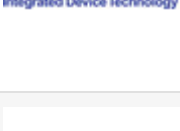
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PRODUCT PARAMETER			
Part Number	IDTADC1010S080HN-C1	Manufacturer	IDT (Integrated Device Technology)
Description	IC ADC 10BIT 1CH 80MSPS 40HVQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4917 pcs	Data sheet	ADC1010S 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)	80M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	40-VFQFN Exposed Pad
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	10	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	10 Bit Analog to Digital Converter 1 Input 1 Pipelined 40-HVQFN (6x6)	Data Interface	LVDS - Parallel, Parallel
Configuration	S/H-ADC	Architecture	Pipelined
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	Part#: IDTADC1006S055H-C1 Description: IC ADC 10BIT SGL 55MSPS 44QFP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDTADC1006S070H-C1 Description: IC ADC 10BIT SGL 70MSPS 44QFP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDTADC1115S125F1-DB Description: BOARD DEMO ADC1115S125F1	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDTADC1006S055H-C18 Description: IC ADC 10BIT SGL 55MSPS 44QFP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDTADC1015S105HN-C1 Description: IC ADC 10BIT 1CH 105MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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	Part#: IDTADC1010S125HN-C1 Description: IC ADC 10BIT 1CH 125MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: IDTADC1015S065HN-C1 Description: IC ADC 10BIT 1CH 65MSPS 40HVQFN	Manufacturers: IDT (Integrated Device Technology)	RFQ
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