





IDT (Integrated Device Technology)

Technology)




### IDTADC1210S105HN-C18

Part Number:	IDTADC1210S105HN-C18
Manufacturer/Brand:	IDT (Integrated Device Technology)
Product description	IC ADC 12BIT 1CH 105MSPS 40HVQFN
Datasheets:	 IDTADC1210S105HN-C18.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4398 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.













#### Specifications of IDTADC1210S105HN-C18

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	4398 pcs
DATA SHEET	 IDTADC1210S105HN-C18.pdf
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

#### Related Tags

IDT (Integrated Device Technology) IDTADC1210S105HN-C18	IDTADC1210S105HN-C18 Distributor	IDTADC1210S105HN-C18 Supplier
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IDT, Integrated Device Technology Inc IDTADC1210S105HN-C18	Integrated Device Technology (IDT) IDTADC1210S105HN-C18	

#### Related Products

 <div> <b>IDTADC1210S105F1-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1210S105F1  In stock: 4816 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1212D065F1-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1212D065F1  In stock: 4834 pcs  <div>RFQ</div> </div>
 <div> <b>IDTADC1210S125F1-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1210S125F1  In stock: 5408 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1210S105HN-C1</b>  Manufacturers: IDT (Integrated Device Technology)  Description: IC ADC 12BIT 1CH 105MSPS 40HVQFN  In stock: 4952 pcs  <div>RFQ</div> </div>
 <div> <b>IDTADC1210S080HN-C18</b>  Manufacturers: IDT (Integrated Device Technology)  Description: IC ADC 12BIT 1CH 80MSPS 40HVQFN  In stock: 4895 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1210S080F2-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1210S080F2  In stock: 4792 pcs  <div>RFQ</div> </div>
 <div> <b>IDTADC1210S125HN-C18</b>  Manufacturers: IDT (Integrated Device Technology)  Description: IC ADC 12BIT 1CH 125MSPS 40HVQFN  In stock: 5219 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1210S105F2-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1210S105F2  In stock: 4642 pcs  <div>RFQ</div> </div>
 <div> <b>IDTADC1210S125HN-C1</b>  Manufacturers: IDT (Integrated Device Technology)  Description: IC ADC 12BIT 1CH 125MSPS 40HVQFN  In stock: 6121 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1210S080HN-C1</b>  Manufacturers: IDT (Integrated Device Technology)  Description: IC ADC 12BIT 1CH 80MSPS 40HVQFN  In stock: 6537 pcs  <div>RFQ</div> </div>
 <div> <b>IDTADC1212D065F2-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1212D065F2  In stock: 3376 pcs  <div>RFQ</div> </div>	 <div> <b>IDTADC1210S125F2-DB</b>  Manufacturers: IDT (Integrated Device Technology)  Description: BOARD DEMO ADC1210S125F2  In stock: 3029 pcs  <div>RFQ</div> </div>