



Integrated Device Technology

IDT (Integrated Device Technology)

Technology)

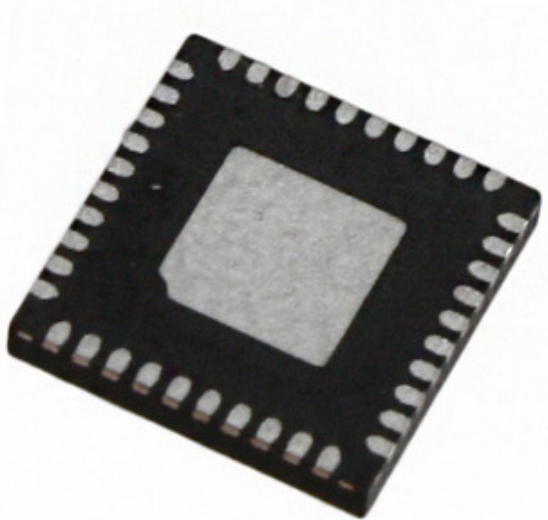


Image may be representation. See specifications for product details.

IDTADC1015S105HN-C1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | IDTADC1015S105HN-C1                                                                                          |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                           |
| Product description | IC ADC 10BIT 1CH 105MSPS 40HVQFN                                                                             |
| Datasheets:         |  IDTADC1015S105HN-C1.pdf    |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4837 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

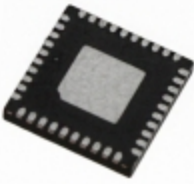
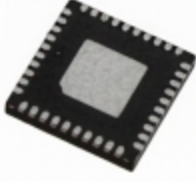
Specifications of IDTADC1015S105HN-C1

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | IDTADC1015S105HN-C1                                                                                         |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                          |
| DESCRIPTION                      | IC ADC 10BIT 1CH 105MSPS 40HVQFN                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE               | 4837 pcs                                                                                                    |
| DATA SHEET                       |  IDTADC1015S105HN-C1.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 1.65 V ~ 3.6 V                                                                                              |
| VOLTAGE - SUPPLY, ANALOG         | 2.85 V ~ 3.4 V, 5V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 40-HVQFN (6x6)                                                                                              |
| SERIES                           | -                                                                                                           |
| SAMPLING RATE (PER SECOND)       | 105M                                                                                                        |
| 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                                                                                                   |

Related Tags

|                                                              |                                                           |                                                               |
|--------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|
| IDT (Integrated Device Technology)<br>IDTADC1015S105HN-C1    | IDTADC1015S105HN-C1 Distributor                           | IDTADC1015S105HN-C1 Supplier                                  |
| IDTADC1015S105HN-C1 Price                                    | IDTADC1015S105HN-C1 Pictures                              | IDTADC1015S105HN-C1 Image                                     |
| IDTADC1015S105HN-C1 PDF Datasheet                            | IDTADC1015S105HN-C1 Download Datasheet                    | IDTADC1015S105HN-C1 Datasheet                                 |
| IDTADC1015S105HN-C1 Stock                                    | Buy IDTADC1015S105HN-C1                                   | Buy IDT (Integrated Device Technology)<br>IDTADC1015S105HN-C1 |
| IDT (Integrated Device Technology)<br>IDTADC1015S105HN-C1    | IDT (Integrated Device Technology) Supplier               | IDT (Integrated Device Technology) Distributor                |
| IDT (Integrated Device Technology)<br>IDTADC1015S105HN-C1    | IDT IDTADC1015S105HN-C1                                   | IDT (Integrated Device Technology)<br>IDTADC1015S105HN-C1     |
| IDT, Integrated Device Technology Inc<br>IDTADC1015S105HN-C1 | Integrated Device Technology (IDT)<br>IDTADC1015S105HN-C1 |                                                               |

Related Products

|                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>Integrated Device Technology</div></div> <div>IDTADC1115S125F1-DB</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: BOARD DEMO ADC1115S125F1<br/>In stock: 3421 pcs</div> <div>RFQ</div>     | <div></div> <div>IDTADC1115S125HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 11BIT 1CH 125MSPS 40HVQFN<br/>In stock: 5831 pcs</div> <div>RFQ</div>                                        |
| <div></div> <div>IDTADC1015S065HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 65MSPS 40HVQFN<br/>In stock: 5992 pcs</div> <div>RFQ</div>                                     | <div><div>Integrated Device Technology</div></div> <div>IDTADC1010S125HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 125MSPS 40HVQFN<br/>In stock: 3294 pcs</div> <div>RFQ</div> |
| <div><div>Integrated Device Technology</div></div> <div>IDTADC1206S040H-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 12BIT 1CH 40MSPS 44QFP<br/>In stock: 4722 pcs</div> <div>RFQ</div> | <div></div> <div>IDTADC1115S125HN-C18</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 11BIT 1CH 125MSPS 40HVQFN<br/>In stock: 4437 pcs</div> <div>RFQ</div>                                       |
| <div><div>Integrated Device Technology</div></div> <div>IDTADC1206S040-DB</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: BOARD DEMO ADC1206S040<br/>In stock: 6839 pcs</div> <div>RFQ</div>         | <div><div>Integrated Device Technology</div></div> <div>IDTADC1010S105HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 105MSPS 40HVQFN<br/>In stock: 5189 pcs</div> <div>RFQ</div> |
| <div></div> <div>IDTADC1015S080HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 80MSPS 40HVQFN<br/>In stock: 3468 pcs</div> <div>RFQ</div>                                     | <div><div>Integrated Device Technology</div></div> <div>IDTADC1010S080HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 80MSPS 40HVQFN<br/>In stock: 3207 pcs</div> <div>RFQ</div>  |
| <div><div>Integrated Device Technology</div></div> <div>IDTADC1115S125F2-DB</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: BOARD DEMO ADC1115S125F2<br/>In stock: 5077 pcs</div> <div>RFQ</div>     | <div><div>Integrated Device Technology</div></div> <div>IDTADC1010S065HN-C1</div> <div>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC ADC 10BIT 1CH 65MSPS 40HVQFN<br/>In stock: 3325 pcs</div> <div>RFQ</div>  |