

IDTADC1006S070H-C18



Part Number: IDTADC1006S070H-C18

Manufacturer: IDT (Integrated Device Technology)

Description: IC ADC 10BIT SGL 70MSPS 44QFP

Data sheet:  IDTADC1006S055/070

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                   |                                |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | IDTADC1006S070H-C18                                               | Manufacturer                   | IDT (Integrated Device Technology) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC ADC 10BIT SGL 70MSPS 44QFP                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4142 pcs                                                          | Data sheet                     | IDTADC1006S055/070                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | Integrated Circuits (ICs)                                         | Voltage - Supply, Digital      | 5V                                 |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                              | 5V                                                                | Supplier Device Package        | 44-QFP (10x10)                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                 | Sampling Rate (Per Second)     | 70M                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                        | External, Internal                                                | Ratio - S/H:ADC                | 1:1                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                                  | Package / Case                 | 44-QFP                             |
| 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 Flash 44-QFP (10x10) | Data Interface                 | Parallel                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                         | S/H-ADC                                                           | Architecture                   | Flash                              |
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| RELATED PRODUCTS                                                                   |                                                                             |                                                   |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------|-----|
|  | Part#: IDTADC1010S125HN-C1<br>Description: IC ADC 10BIT 1CH 125MSPS 40HVQFN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1006S055H-C1<br>Description: IC ADC 10BIT SGL 55MSPS 44QFP     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1010S065HN-C1<br>Description: IC ADC 10BIT 1CH 65MSPS 40HVQFN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1006S055-DB<br>Description: BOARD DEMO ADC1006S055             | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1010S080HN-C1<br>Description: IC ADC 10BIT 1CH 80MSPS 40HVQFN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1015S105HN-C1<br>Description: IC ADC 10BIT 1CH 105MSPS 40HVQFN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1005S060-DB<br>Description: BOARD DEMO ADC1005S060             | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1115S125HN-C1<br>Description: IC ADC 11BIT 1CH 125MSPS 40HVQFN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1004S050-DB<br>Description: BOARD DEMO ADC1004S050             | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1115S125F2-DB<br>Description: BOARD DEMO ADC1115S125F2         | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1115S125F1-DB<br>Description: BOARD DEMO ADC1115S125F1         | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1004S040TS-C18<br>Description: IC ADC 10BIT ULP 40MSPS 28SSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1006S070-DB<br>Description: BOARD DEMO ADC1006S070             | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1005S060TS-C18<br>Description: IC ADC 10BIT ULP 60MSPS 28SSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1010S105HN-C1<br>Description: IC ADC 10BIT 1CH 105MSPS 40HVQFN | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1004S050TS-C18<br>Description: IC ADC 10BIT ULP 50MSPS 28SSOP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1006S070H-C1<br>Description: IC ADC 10BIT SGL 70MSPS 44QFP     | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1006S055H-C18<br>Description: IC ADC 10BIT SGL 55MSPS 44QFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1015S080HN-C1<br>Description: IC ADC 10BIT 1CH 80MSPS 40HVQFN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDTADC1015S065HN-C1<br>Description: IC ADC 10BIT 1CH 65MSPS 40HVQFN  | Manufacturers: IDT (Integrated Device Technology) | RFQ |

Related keywords for IDTADC1006S070H-C18

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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)     |                               |                                    |
| IDTADC1006S070H-C18                   | IDTADC1006S070H-C18                    |                               |                                    |