

IDTADC1206S055H-C18



**Part Number:** [IDTADC1206S055H-C18](#)

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

**Description:** IC ADC 12BIT 1CH 55MSPS 44QFP

**Data sheet:**  [IDTADC1206S040/055/070](#)

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

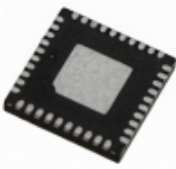
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IDTADC1206S055H-C18                                                | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC ADC 12BIT 1CH 55MSPS 44QFP                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5189 pcs                                                           | Data sheet                     | <a href="#">IDTADC1206S040/055/070</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply, Digital      | 5V                                                 |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5V                                                                 | Supplier Device Package        | 44-PQFP (10x10)                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                  | Sampling Rate (Per Second)     | 55M                                                |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 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                                                       | Features                       | -                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12 Bit Analog to Digital Converter 1 Input 1 Flash 44-PQFP (10x10) | Data Interface                 | Parallel                                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S/H-ADC                                                            | Architecture                   | Flash                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 5189 pieces of IDT (Integrated Device Technology) IDTADC1206S055H-C18 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                    |                                |                                                    |

| RELATED PRODUCTS                                                                   |                                                                                              |                                                                   |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">IDTADC1015S105HN-C1</a><br>Description: IC ADC 10BIT 1CH 105MSPS 40HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1115S125HN-C1</a><br>Description: IC ADC 11BIT 1CH 125MSPS 40HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1207S080HW-C2</a><br>Description: IC ADC 12BIT 1CH 80MSPS 48HTQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S070-DB</a><br>Description: BOARD DEMO ADC1206S070              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1115S125HN-C18</a><br>Description: IC ADC 11BIT 1CH 125MSPS 40HVQFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1115S125F2-DB</a><br>Description: BOARD DEMO ADC1115S125F2          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1210S065F2-DB</a><br>Description: BOARD DEMO ADC1210S065F2          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S040H-C18</a><br>Description: IC ADC 12BIT 1CH 40MSPS 44QFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1207S080-DB</a><br>Description: BOARD DEMO ADC1207S080              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1210S065HN-C18</a><br>Description: IC ADC 12BIT 1CH 65MSPS 40HVQFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S070H-C18</a><br>Description: IC ADC 12BIT 1CH 70MSPS 44QFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1115S125F1-DB</a><br>Description: BOARD DEMO ADC1115S125F1          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S070H-C1</a><br>Description: IC ADC 12BIT 1CH 70MSPS 44QFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S040-DB</a><br>Description: BOARD DEMO ADC1206S040              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S040H-C1</a><br>Description: IC ADC 12BIT 1CH 40MSPS 44QFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1210S065F1-DB</a><br>Description: BOARD DEMO ADC1210S065F1          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1207S080HW-C28</a><br>Description: IC ADC 12BIT 1CH 80MSPS 48HTQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S055H-C1</a><br>Description: IC ADC 12BIT 1CH 55MSPS 44QFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1210S065HN-C1</a><br>Description: IC ADC 12BIT 1CH 65MSPS 40HVQFN   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1206S055-DB</a><br>Description: BOARD DEMO ADC1206S055              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

Related keywords for IDTADC1206S055H-C18

|                                       |                                        |                               |                                    |
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| IDT (Integrated Device Technology)    | IDTADC1206S055H-C18 distributor        | IDTADC1206S055H-C18 supplier  | IDTADC1206S055H-C18 price          |
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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)     |                               |                                    |
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