

IDTADC0804S050TS-C18



Part Number: [IDTADC0804S050TS-C18](#)

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

Description: IC ADC 8BIT SGL 28SSOP

Data sheet:  [IDTADC0804S030/040/050](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                           |                                |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IDTADC0804S050TS-C18                                      | Manufacturer                   | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC ADC 8BIT SGL 28SSOP                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5382 pcs                                                  | Data sheet                     | <a href="#">IDTADC0804S030/040/050</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                 | Voltage - Supply, Digital      | 5V                                                 |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5V                                                        | Supplier Device Package        | 28-SSOP                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                         | Sampling Rate (Per Second)     | 50M                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External                                                  | Ratio - S/H:ADC                | -                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tape & Reel (TR)                                          | Package / Case                 | 28-SSOP (0.209", 5.30mm Width)                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                                              | Number of Inputs               | 1                                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8                                                         | Number of A/D Converters       | 1                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                         |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Single Ended                                              | Features                       | -                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 Bit Analog to Digital Converter 1 Input 1 Flash 28-SSOP | Data Interface                 | Parallel                                           |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ADC                                                       | Architecture                   | Flash                                              |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                                   |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">IDTADC1004S030-DB</a><br>Description: BOARD DEMO ADC1004S030            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S040-DB</a><br>Description: BOARD DEMO ADC1003S040            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT92HD71B7X5PRGXB3X</a><br>Description: IC AUDIO CODEC HD 4CH 48-TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S040TS-C1</a><br>Description: IC ADC 8BIT SGL 28SSOP          | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S040TS-C18</a><br>Description: IC ADC 8BIT SGL 28SSOP         | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0801S040TS-C18</a><br>Description: IC ADC 8BIT ULT LO PWR 20SSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDT92HD71B7X5PRGXB3X</a><br>Description: IC AUDIO CODEC HD 4CH 48-TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S030TS-C18</a><br>Description: IC ADC 8BIT ULT LO PWR 28SSOP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1002S020-DB</a><br>Description: BOARD DEMO ADC1002S020            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S030-DB</a><br>Description: BOARD DEMO ADC804S030 28SSOP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S040-DB</a><br>Description: BOARD DEMO ADC804S040 28SSOP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0804S050-DB</a><br>Description: BOARD DEMO ADC804S050 28SSOP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S030-DB</a><br>Description: BOARD DEMO ADC1003S030            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S050-DB</a><br>Description: BOARD DEMO ADC1003S050            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S030TS-C18</a><br>Description: IC ADC 10BIT 30MSPS 28SSOP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S050TS-C18</a><br>Description: IC ADC 10BIT ULP 50MSPS 28SSOP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC0801S040-DB</a><br>Description: BOARD DEMO ADC801S040 20SSOP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1003S040TS-C18</a><br>Description: IC ADC 10BIT ULP 40MSPS 28SSOP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1002S020HL-C18</a><br>Description: IC ADC 10BIT ULP 20MHZ 32LQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IDTADC1002S020HL-C1</a><br>Description: IC ADC 10BIT ULP 20MHZ 32LQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |

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