

AD7878SQ





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**Part Number:** [AD7878SQ](#)

**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)

**Description** IC ADC 12BIT W/DSP INT 28-CDIP

**Data sheet:**  [AD7878](#)

**RoHs Status:** Contains lead / RoHS non-compliant

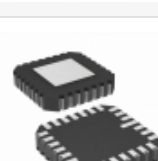
**Ship From:** Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AD7878SQ                                  | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT W/DSP INT 28-CDIP            | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 399 pcs                                   | Data sheet                      | <a href="#">AD7878</a>                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±5V                                       | Supplier Device Package         | 28-CDIP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Sampling Rate (Per Second)      | 100k                                                     |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                      | Package / Case                  | 28-CDIP (0.600", 15.24mm)                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -55°C ~ 125°C                             | Number of Inputs                | 1                                                        |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Number of A/D Converters        | 1                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 7 Weeks                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant        | Input Type                      | Single Ended                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 28-CDIP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DSP                                       | Configuration                   | S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AD7878                                    | Architecture                    | SAR                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 399 pieces of ADI (Analog Devices, Inc.) AD7878SQ 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="#">AD7879-1WACPZ-RL7</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879ACBZ-500R7</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878SQ/883B</a><br>Description: IC ADC 12BIT W/DSP INT 28CERDIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878JNZ</a><br>Description: IC ADC 12BIT W/DSP INT 28-DIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878LN</a><br>Description: IC ADC 12BIT W/DSP INT 28-DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1ACBZ-RL</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878SE/883B</a><br>Description: IC ADC 12BIT W/DSP INT 28CLCC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1WARUZ-RL7</a><br>Description: IC SCREEN CNTRL 12BIT 16TSSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1WARUZ-RL</a><br>Description: IC SCREEN CNTRL 12BIT 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878BQ</a><br>Description: IC ADC 12BIT W/DSP INT 28-CDIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878LPZ</a><br>Description: IC ADC 12BIT W/DSP INT 28-PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878JPZ-REEL</a><br>Description: IC ADC 12BIT W/DSP 28PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1WACPZ-RL</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1ACPZ-500R7</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878KPZ</a><br>Description: IC ADC 12BIT W/DSP INT 28-PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7878KPZ-REEL</a><br>Description: IC ADC 12BIT W/DSP 28PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879-1ACPZ-RL</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD7879ACBZ-RL</a><br>Description: IC SCREEN CNTRL 12BIT 16LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AD7878LPZ-REEL</a><br>Description: IC ADC 12BIT W/DSP 28PLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for **AD7878SQ**

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