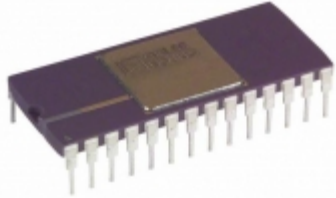


AD678BD





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Part Number: [AD678BD](#)

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

Description: IC ADC 12BIT SAMPLING 28-CDIP

Data sheet:  [AD678](#)

RoHs Status: Lead free / RoHS non-compliant

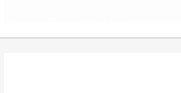
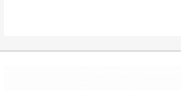
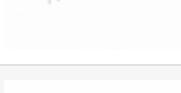
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy AD678BD with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                 |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                             | AD678BD                                   | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 12BIT SAMPLING 28-CDIP             | Lead Free Status / RoHS Status  | Lead free / RoHS non-compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 592 pcs                                   | Data sheet                      | <a href="#">AD678</a>                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                | ±12V                                      | Supplier Device Package         | 28-CDIP                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Sampling Rate (Per Second)      | 200k                                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                  | Ratio - S/H:ADC                 | 1:1                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tube                                      | Package / Case                  | 28-CDIP (0.600", 15.24mm)                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS non-compliant            | Input Type                      | Single Ended                                               |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 Flash 28-CDIP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Parallel                                  | Configuration                   | S/H-ADC                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AD678                                     | Architecture                    | Flash                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 592 pieces of ADI (Analog Devices, Inc.) AD678BD 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="#">AD677KRZ</a><br>Description: IC ADC 16BIT 100KSPS 28-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KR-REEL</a><br>Description: IC ADC 16BIT SAMPLING 28-SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678AD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KNZ</a><br>Description: IC ADC 16BIT SAMPLING 16DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678KNZ</a><br>Description: IC ADC 12BIT SAMPLING 28DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KN</a><br>Description: IC ADC 16BIT SAMPLING 16-DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677TD/883B</a><br>Description: IC ADC 16BIT SRL 100KSPS 16CDIP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678JNZ</a><br>Description: IC ADC 12BIT SAMPLING 28-DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678SD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KD</a><br>Description: IC ADC 16BIT SAMPLING 16-DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678JD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678AJ</a><br>Description: IC ADC 12BIT 200KSPS 44-JLCC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678KD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KRZ-REEL</a><br>Description: IC ADC 16BIT 100KSPS 28-SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678BJ</a><br>Description: IC ADC 12BIT SAMPLING 44-JLCC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678SD/883B</a><br>Description: IC ADC 12BIT 200KSPS 28CDIP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678TD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD678TD/883B</a><br>Description: IC ADC 12BIT 200KSPS 28CDIP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD677KR</a><br>Description: IC ADC 16BIT 100KSPS 28-SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD679AJ</a><br>Description: IC ADC 14BIT SAMPLING 44-JLCC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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