

AD678KNZ



AHEAD OF WHAT'S POSSIBLE™



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Part Number: [AD678KNZ](#)

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

Description: IC ADC 12BIT SAMPLING 28DIP

Data sheet:  [AD678](#)

RoHs Status: Lead free / RoHS Compliant

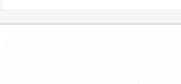
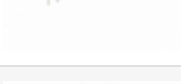
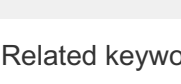
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AD678KNZ                                  | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 12BIT SAMPLING 28DIP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1070 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-PDIP                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Sampling Rate (Per Second)      | 200k                                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Ratio - S/H:ADC                 | 1:1                                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                      | Package / Case                  | 28-DIP (0.600", 15.24mm)                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°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 Compliant                | Input Type                      | Single Ended                                               |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 Flash 28-PDIP |
| 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 1070 pieces of ADI (Analog Devices, Inc.) AD678KNZ 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                                                                                                        |                                                                                     |                                                           |                |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  <div>AHEAD OF WHAT'S POSSIBLE™</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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</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="#">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="#">AD678SD/883B</a><br>Description: IC ADC 12BIT 200KSPS 28CDIP     | 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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</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="#">AD679JD</a><br>Description: IC ADC 14BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</div> | Part#: <a href="#">AD679JN</a><br>Description: IC ADC 14BIT 128KSPS 28-DIP          | 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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</div> | Part#: <a href="#">AD679JNZ</a><br>Description: IC ADC 14BIT 128KSPS 28-DIP         | 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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</div> | Part#: <a href="#">AD679BJ</a><br>Description: IC ADC 14BIT SAMPLING 44-JLCC        | 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="#">AD678TD/883B</a><br>Description: IC ADC 12BIT 200KSPS 28CDIP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</div> | 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="#">AD678BD</a><br>Description: IC ADC 12BIT SAMPLING 28-CDIP        | 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> |
|  <div>AHEAD OF WHAT'S POSSIBLE™</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="#">AD679BD</a><br>Description: IC ADC 14BIT SAMPLING 28-CDIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for **AD678KNZ**

|                                     |                      |                                     |                              |
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