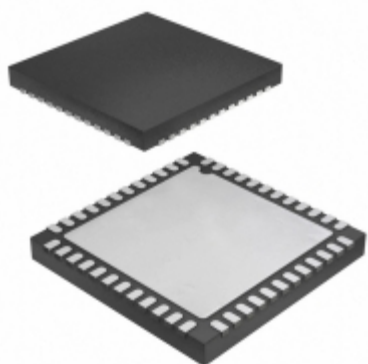


AD9253BCPZRL7-105





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**Part Number:** [AD9253BCPZRL7-105](#)

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

**Description:** IC ADC 14BIT SRL 105MSPS 48LFCSP

**Data sheet:**  [AD9253](#)

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

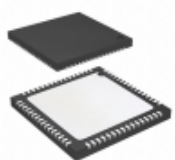
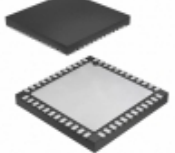
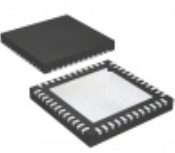
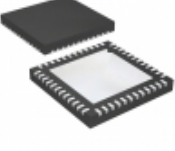
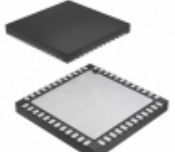
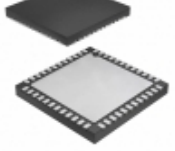
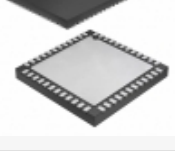
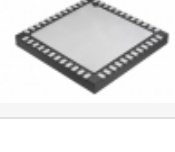
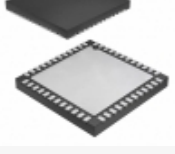
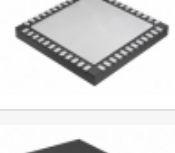
**Ship From:** Hong Kong

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

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                          |                                  |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | AD9253BCPZRL7-105                                                        | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC 14BIT SRL 105MSPS 48LFCSP                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                 | 840 pcs                                                                  | Data sheet                       | <a href="#">AD9253</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply, Digital        | 1.7 V ~ 1.9 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                           | 1.7 V ~ 1.9 V                                                            | Supplier Device Package          | 48-LFCSP-WQ (7x7)                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                        | Sampling Rate (Per Second)       | 105M                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                     | Internal                                                                 | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                          | Tape & Reel (TR)                                                         | Package / Case                   | 48-WQFN Exposed Pad, CSP                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                        | AD9253BCPZRL7-105-ND<br>AD9253BCPZRL7-105TR                              | Operating Temperature            | -40°C ~ 85°C                               |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                        | Number of Bits                   | 14                                         |
| Number of A/D Converters                                                                                                                                                                                                                                                                                                                                                                                                           | 4                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                    | 7 Weeks                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                         | Differential                                                             | Features                         | Simultaneous Sampling                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                               | 14 Bit Analog to Digital Converter 4 Input 4 Pipelined 48-LFCSP-WQ (7x7) | Data Interface                   | LVDS - Serial                              |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                      | S/H-ADC                                                                  | Base Part Number                 | AD9253                                     |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                       | Pipelined                                                                |                                  |                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 840 pieces of ADI (Analog Devices, Inc.) AD9253BCPZRL7-105 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: info@Components-World.com |                                                                          |                                  |                                            |

| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">AD9252ABCPZRL7-50</a><br>Description: IC ADC 14BIT SRL 50MSPS 64LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9255-80EBZ</a><br>Description: BOARD EVALUATION 80MSPS AD9255         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9252-50EBZ</a><br>Description: BOARD EVALUATION FOR AD9252            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9255-105EBZ</a><br>Description: BOARD EVALUATION 105MSPS AD9255       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253-125EBZ</a><br>Description: BOARD EVAL FOR AD9253-125             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253TCPZR7-125EP</a><br>Description: IC ADC 14BIT SRL 125MSPS 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9255BCPZ-105</a><br>Description: IC ADC 14BIT 105MSPS 48LFCSP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9254BCPZRL7-150</a><br>Description: IC ADC 14BIT 150MSPS 48-LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9254BCPZ-150</a><br>Description: IC ADC 14BIT 150MSPS 48-LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253BCPZRL7-125</a><br>Description: IC ADC 14BIT SRL 125MSPS 48LFCSP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253BCPZ-105</a><br>Description: IC ADC 14BIT SRL 105MSPS 48LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253BCPZRL7-80</a><br>Description: IC ADC 14BIT SRL 80MSPS 48LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9252ABCPZ-50</a><br>Description: IC ADC 14BIT SRL 50MSPS 64LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253BCPZ-80</a><br>Description: IC ADC 14BIT SRL 80MSPS 48LFCSP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9255-125EBZ</a><br>Description: BOARD EVALUATION 125MSPS AD9255       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253TCPZ-125EP</a><br>Description: IC ADC 14BIT SRL 125MSPS 48LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9251BCPZRL7-40</a><br>Description: IC ADC 14BIT 40MSPS 64LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9251BCPZRL7-65</a><br>Description: IC ADC 14BIT 65MSPS 64LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9253BCPZ-125</a><br>Description: IC ADC 14BIT SRL 125MSPS 48LFCSP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AD9251BCPZRL7-80</a><br>Description: IC ADC 14BIT 80MSPS 64LFCSP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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