



ADI (Analog Devices, Inc.)



AHEAD OF WHAT'S POSSIBLE™

AD9255BCPZRL7-105

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AD9255BCPZRL7-105                                                                                            |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC ADC 14BIT 105MSPS 48LFCSP                                                                                 |
| Datasheets:         |  AD9255BCPZRL7-105.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

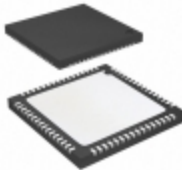
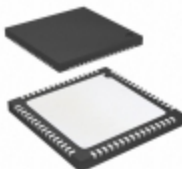
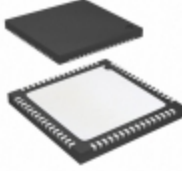
Specifications of AD9255BCPZRL7-105

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AD9255BCPZRL7-105                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                |
| DESCRIPTION                      | IC ADC 14BIT 105MSPS 48LFCSP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| DATA SHEET                       |  AD9255BCPZRL7-105.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 1.7 V ~ 1.9 V                                                                                             |
| VOLTAGE - SUPPLY, ANALOG         | 1.7 V ~ 1.9 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 48-LFCSP-VQ (7x7)                                                                                         |
| SERIES                           | -                                                                                                         |
| SAMPLING RATE (PER SECOND)       | 105M                                                                                                      |
| REFERENCE TYPE                   | External, Internal                                                                                        |
| RATIO - S/H:ADC                  | 1:1                                                                                                       |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad, CSP                                                                                 |
| OTHER NAMES                      | AD9255BCPZRL7-105-ND<br>AD9255BCPZRL7-105TR                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                              |
| NUMBER OF INPUTS                 | 1                                                                                                         |
| NUMBER OF BITS                   | 14                                                                                                        |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| INPUT TYPE                       | Differential                                                                                              |
| FEATURES                         | -                                                                                                         |
| DETAILED DESCRIPTION             | 14 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-LFCSP-VQ (7x7)                                  |
| DATA INTERFACE                   | LVDS - Parallel                                                                                           |
| CONFIGURATION                    | S/H-ADC                                                                                                   |
| BASE PART NUMBER                 | AD9255                                                                                                    |
| ARCHITECTURE                     | Pipelined                                                                                                 |

Related Tags

|                                              |                                        |                                                  |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| ADI (Analog Devices, Inc.) AD9255BCPZRL7-105 | AD9255BCPZRL7-105 Distributor          | AD9255BCPZRL7-105 Supplier                       |
| AD9255BCPZRL7-105 Price                      | AD9255BCPZRL7-105 Pictures             | AD9255BCPZRL7-105 Image                          |
| AD9255BCPZRL7-105 PDF Datasheet              | AD9255BCPZRL7-105 Download Datasheet   | AD9255BCPZRL7-105 Datasheet                      |
| AD9255BCPZRL7-105 Stock                      | Buy AD9255BCPZRL7-105                  | Buy ADI (Analog Devices, Inc.) AD9255BCPZRL7-105 |
| ADI (Analog Devices, Inc.) AD9255BCPZRL7-105 | ADI (Analog Devices, Inc.) Supplier    | ADI (Analog Devices, Inc.) Distributor           |
| ADI (Analog Devices, Inc.) AD9255BCPZRL7-105 | AD AD9255BCPZRL7-105                   | ADI (Analog Devices, Inc.) AD9255BCPZRL7-105     |
| Analog Devices Inc. AD9255BCPZRL7-105        | Analog Devices, Inc. AD9255BCPZRL7-105 |                                                  |

Related Products

|                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                              |
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| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255-80EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: BOARD EVALUATION 80MSPS AD9255<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255-105EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: BOARD EVALUATION 105MSPS AD9255<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9257BCPZ-40</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC OCTAL 14BIT 64LFCSP<br/>In stock: 652 pcs<br/><div>RFQ</div></div>           | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255BCPZ-80</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 80MSPS 48LFCSP<br/>In stock: 15 pcs<br/><div>RFQ</div></div>        |
| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255BCPZ-105</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 105MSPS 48LFCSP<br/>In stock: 6 pcs<br/><div>RFQ</div></div>          | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9257BCPZ-65</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT SRL 65MSPS 64LFCSP<br/>In stock: 47 pcs<br/><div>RFQ</div></div>    |
| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9257BCPZRL7-40</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT SRL 40MSPS 64LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255-125EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: BOARD EVALUATION 125MSPS AD9255<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9257-65EBZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: BOARD EVAL FOR AD9257<br/>In stock: 3 pcs<br/><div>RFQ</div></div>                   | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255BCPZ-125</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 125MSPS 48LFCSP<br/>In stock: 20 pcs<br/><div>RFQ</div></div>      |
| <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255BCPZRL7-125</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 125MSPS 48LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div><div>AHEAD OF WHAT'S POSSIBLE™</div></div> <div><b>AD9255BCPZRL7-80</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 14BIT 80MSPS 48LFCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |