



ADUC7029BBCZ62

|                     |                                        |
|---------------------|----------------------------------------|
| Part Number:        | ADUC7029BBCZ62                         |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)             |
| Product description | IC MCU 32BIT 62KB FLASH 49CSPBGA       |
| Datasheets:         | <a href="#">PDF ADUC7029BBCZ62.pdf</a> |
| 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 ADUC7029BBCZ62

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ADUC7029BBCZ62                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 62KB FLASH 49CSPBGA                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       | <a href="#">PDF ADUC7029BBCZ62.pdf</a>                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 49-CSPBGA (5x5)                                                                                        |
| SPEED                            | 44MHz                                                                                                  |
| SERIES                           | MicroConverter® ADuC7xxx                                                                               |
| RAM SIZE                         | 2K x 32                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 62KB (31K x16)                                                                                         |
| PERIPHERALS                      | PLA, PWM, PSM, Temp Sensor, WDT                                                                        |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 49-TFBGA, CSPBGA                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                     |
| NUMBER OF I/O                    | 22                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | ARM7® MicroConverter® ADuC7xxx Microcontroller IC 16/32-Bit 44MHz 62KB (31K x16) FLASH 49-CSPBGA (5x5) |
| DATA CONVERTERS                  | A/D 7x12b, D/A 4x12b                                                                                   |
| CORE SIZE                        | 16/32-Bit                                                                                              |
| CORE PROCESSOR                   | ARM7®                                                                                                  |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                          |
| BASE PART NUMBER                 | ADUC7029                                                                                               |

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Related Products

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>ADUC7029BBCZ62I</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>    | <p><b>ADUC7028BBCZ62-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 64CSPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
| <p><b>ADUC7029BBCZ62-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  | <p><b>ADUC7032BSTZ-88-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |
| <p><b>ADUC7029BBCZ62I-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> | <p><b>ADUC7026HWEIZ</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 16BIT<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>                         |
| <p><b>ADUC7028BBCZ62</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 64CSPBGA<br/>In stock: 3 pcs<br/><a href="#">RFQ</a></p>         | <p><b>ADUC7027BSTZ62</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 80LQFP<br/>In stock: 114 pcs<br/><a href="#">RFQ</a></p>        |
| <p><b>ADUC7027BSTZ62-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 80LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>    | <p><b>ADUC7032BSTZ-88</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>     |
| <p><b>ADUC7030BCPZ-8V</b><br/>Manufacturers: Analog Devices Inc.<br/>Description: IC MCU 32BIT 32KB FLASH 48LFCSP<br/>In stock: 9 pcs<br/><a href="#">RFQ</a></p>                | <p><b>ADUC7026HWEIZ-RL</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 16BIT<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>                      |