



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

ADUC7029BBCZ62I

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUC7029BBCZ62I                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                            |
| Product description | IC MCU 32BIT 62KB FLASH 49CSPBGA                                                                                      |
| Datasheets:         |  <a href="#">ADUC7029BBCZ62I.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 12317 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

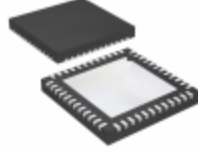
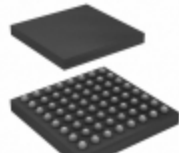
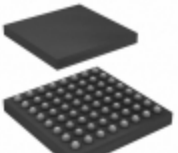
Specifications of ADUC7029BBCZ62I

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ADUC7029BBCZ62I                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 62KB FLASH 49CSPBGA                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 12317 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">ADUC7029BBCZ62I.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)                                                                                                           |
| 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                                                                                                                |

Related Tags

|                                            |                                      |                                                |
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| ADI (Analog Devices, Inc.) ADUC7029BBCZ62I | ADUC7029BBCZ62I Distributor          | ADUC7029BBCZ62I Supplier                       |
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Related Products

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| <div><div>ADUC7029BBCZ62-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: 14018 pcs</div><div>RFQ</div></div> | <div><div>ADUC7033BSTZ-88</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 7636 pcs</div><div>RFQ</div></div>       |
| <div><div>ADUC7032BSTZ-88-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 5847 pcs</div><div>RFQ</div></div>   | <div><div>ADUC7032BSTZ-88</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 3268 pcs</div><div>RFQ</div></div>       |
| <div><div>ADUC7027BSTZ62</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 80LQFP<br/>In stock: 7043 pcs</div><div>RFQ</div></div>       | <div><div>ADUC7032BSTZ-8V-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 96KB FLASH 48LQFP<br/>In stock: 6606 pcs</div><div>RFQ</div></div>    |
| <div><div>ADUC7030BCPZ-8V</div><div>Manufacturers: Analog Devices Inc.<br/>Description: IC MCU 32BIT 32KB FLASH 48LFCSP<br/>In stock: 6972 pcs</div><div>RFQ</div></div>            | <div><div>ADUC7029BBCZ62I-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: 15127 pcs</div><div>RFQ</div></div> |
| <div><div>ADUC7027BSTZ62-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 80LQFP<br/>In stock: 3010 pcs</div><div>RFQ</div></div>    | <div><div>ADUC7029BBCZ62</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 49CSPBGA<br/>In stock: 7388 pcs</div><div>RFQ</div></div>      |
| <div><div>ADUC7028BBCZ62-RL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 64CSPBGA<br/>In stock: 10236 pcs</div><div>RFQ</div></div> | <div><div>ADUC7028BBCZ62</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 32BIT 62KB FLASH 64CSPBGA<br/>In stock: 7656 pcs</div><div>RFQ</div></div>      |