

ADUC842BSZ62-3



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Part Number: [ADUC842BSZ62-3](#)

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

Description: IC MCU 8BIT 62KB FLASH 52MQFP

Data sheet:  [ADuC841,42,43](#)  
 [ACUC84\(2,3\) Quick Reference](#)

RoHs Status: Lead free / RoHS Compliant

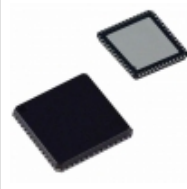
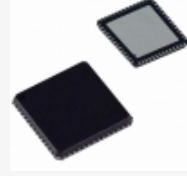
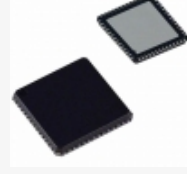
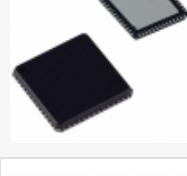
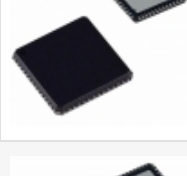
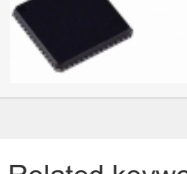
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ADUC842BSZ62-3                            | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 8BIT 62KB FLASH 52MQFP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6686 pcs                                  | Data sheet                       | <a href="#">ADuC841,42,43</a><br><a href="#">ACUC84(2,3) Quick Reference</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 52-MQFP (10x10)                           | Speed                            | 8.38MHz                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MicroConverter® ADuC8xx                   | RAM Size                         | 2.25K x 8                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                             | FLASH                                     | Program Memory Size              | 62KB (62K x 8)                                                                                     |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DMA, PSM, PWM, Temp Sensor, WDT           | Packaging                        | Tray                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 52-QFP                                    | Other Names                      | ADUC842BSZ623                                                                                      |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32                                        | 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             | 8052 MicroConverter® ADuC8xx Microcontroller IC 8-Bit 8.38MHz 62KB (62K x 8) FLASH 52-MQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A/D 8x12b, D/A 2x12b                      | Core Size                        | 8-Bit                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8052                                      | Connectivity                     | I²C, SPI, UART/USART                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ADUC842                                   |                                  |                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 6686 pieces of ADI (Analog Devices, Inc.) ADUC842BSZ62-3 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                                                                   |                                                                                       |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">ADUC843BCPZ32-3</a><br>Description: IC MCU 8BIT 32KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUC842BSZ62-5</a><br>Description: IC MCU 8BIT 62KB FLASH 52MQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUC841BSZ62-5</a><br>Description: IC MCU 8BIT 62KB FLASH 52MQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADUC845BCPZ62-3</a><br>Description: IC MCU 8BIT 62KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|--------------------------------------------|----------------------------|-------------------------------------------|------------------------------------|
| Related keywords for <b>ADUC842BSZ62-3</b> |                            |                                           |                                    |
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