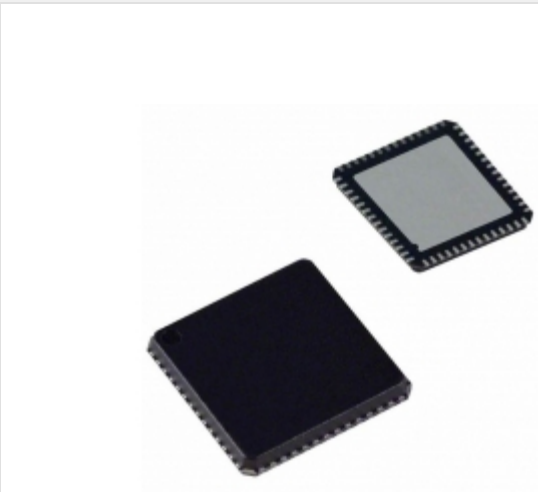


ADUC843BCP32Z-5



  
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**Part Number:** [ADUC843BCP32Z-5](#)

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

**Description** IC MCU 8BIT 32KB FLASH 56LFCSP

**Data sheet:**  [ADuC841,42,43](#)

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

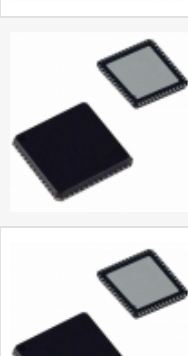
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                 |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ADUC843BCP32Z-5                                                                                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 8BIT 32KB FLASH 56LFCSP                                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7701 pcs                                                                                              | Data sheet                      | <a href="#">ADuC841,42,43</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                             | Voltage - Supply (Vcc/Vdd)      | 4.75 V ~ 5.25 V                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56-LFCSP-VQ (8x8)                                                                                     | Speed                           | 16.78MHz                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MicroConverter® ADuC8xx                                                                               | RAM Size                        | 2.25K x 8                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                                 | Program Memory Size             | 32KB (32K x 8)                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DMA, PSM, PWM, Temp Sensor, WDT                                                                       | Packaging                       | Tray                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 56-VFQFN Exposed Pad, CSP                                                                             | 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 16.78MHz 32KB (32K x 8) FLASH 56-LFCSP-VQ (8x8) | Data Converters                 | A/D 8x12b                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8-Bit                                                                                                 | Core Processor                  | 8052                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | I²C, SPI, UART/USART                                                                                  | Base Part Number                | ADUC843                                    |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                           |                     |
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|  | Part#: <a href="#">ADUC841BSZ62-5</a><br>Description: IC MCU 8BIT 62KB FLASH 52MQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC845BCP262-5</a><br>Description: IC MCU 8BIT 62KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC842BCP262-3</a><br>Description: IC MCU 8BIT 62KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC842BSZ62-3</a><br>Description: IC MCU 8BIT 62KB FLASH 52MQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC842BCP232-5</a><br>Description: IC MCU 8BIT 32KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC845BCP262-3</a><br>Description: IC MCU 8BIT 62KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC845BCP28-3</a><br>Description: IC MCU 8BIT 8KB FLASH 56LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC843BCP28-3</a><br>Description: IC MCU 8BIT 8KB FLASH 56LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC842BSZ62-5</a><br>Description: IC MCU 8BIT 62KB FLASH 52MQFP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC843BCP62Z-5</a><br>Description: IC MCU 8BIT 62KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ADUC842BCP232-3</a><br>Description: IC MCU 8BIT 32KB FLASH 56LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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