



ADUC816BCPZ

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|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ADUC816BCPZ                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                        |
| Product description | IC MCU 8BIT 8KB FLASH 56LFCSP                                                                                     |
| Datasheets:         |  <a href="#">ADUC816BCPZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 8630 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

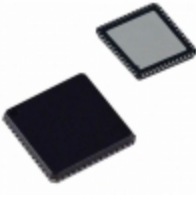
Specifications of ADUC816BCPZ

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|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ADUC816BCPZ                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 56LFCSP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 8630 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">ADUC816BCPZ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 56-LFCSP-VQ (8x8)                                                                                                   |
| SPEED                            | 12.58MHz                                                                                                            |
| SERIES                           | MicroConverter® ADuC8xx                                                                                             |
| RAM SIZE                         | 256 x 8                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                               |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                        |
| PERIPHERALS                      | PSM, 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                    | 34                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| EEPROM SIZE                      | 640 x 8                                                                                                             |
| DETAILED DESCRIPTION             | 8052 MicroConverter® ADuC8xx Microcontroller IC 8-Bit 12.58MHz 8KB (8K x 8) FLASH 56-LFCSP-VQ (8x8)                 |
| DATA CONVERTERS                  | A/D 7x16b; D/A 1x12b                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                               |
| CORE PROCESSOR                   | 8052                                                                                                                |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                |
| BASE PART NUMBER                 | ADUC816                                                                                                             |

Related Tags

|                                        |                                     |                                            |
|----------------------------------------|-------------------------------------|--------------------------------------------|
| ADI (Analog Devices, Inc.) ADUC816BCPZ | ADUC816BCPZ Distributor             | ADUC816BCPZ Supplier                       |
| ADUC816BCPZ Price                      | ADUC816BCPZ Pictures                | ADUC816BCPZ Image                          |
| ADUC816BCPZ PDF Datasheet              | ADUC816BCPZ Download Datasheet      | ADUC816BCPZ Datasheet                      |
| ADUC816BCPZ Stock                      | Buy ADUC816BCPZ                     | Buy ADI (Analog Devices, Inc.) ADUC816BCPZ |
| ADI (Analog Devices, Inc.) ADUC816BCPZ | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor     |
| ADI (Analog Devices, Inc.) ADUC816BCPZ | AD ADUC816BCPZ                      | ADI (Analog Devices, Inc.) ADUC816BCPZ     |
| Analog Devices Inc. ADUC816BCPZ        | Analog Devices, Inc. ADUC816BCPZ    |                                            |

Related Products

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| <div><div>ADUC816BSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 52MQFP<br/>In stock: 4636 pcs</div><div>RFQ</div></div>         | <div><div>ADUC814BRUZ-REEL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: 5117 pcs</div><div>RFQ</div></div> |
| <div><div>ADUC824BSZ-DEN</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 52MQFP<br/>In stock: 4994 pcs</div><div>RFQ</div></div>     | <div><div>ADUC814BRUZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: 9225 pcs</div><div>RFQ</div></div>      |
| <div><div>ADUC824BSZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 52MQFP<br/>In stock: 4378 pcs</div><div>RFQ</div></div>         | <div><div>ADUC816BCP</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 56LFCSP<br/>In stock: 5326 pcs</div><div>RFQ</div></div>       |
| <div><div>ADUC814BRUZ-REEL7</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: 8376 pcs</div><div>RFQ</div></div> | <div><div>ADUC824BCPZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 56LFCSP<br/>In stock: 4125 pcs</div><div>RFQ</div></div>      |
| <div><div>ADUC816BCPZ-REEL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 56LFCSP<br/>In stock: 3142 pcs</div><div>RFQ</div></div>  | <div><div>ADUC816BSZ-REEL</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 52MQFP<br/>In stock: 7520 pcs</div><div>RFQ</div></div>   |
| <div><div>ADUC816ASZ</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH<br/>In stock: 5992 pcs</div><div>RFQ</div></div>                | <div><div>ADUC814BRU</div><div>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MCU 8BIT 8KB FLASH 28TSSOP<br/>In stock: 3616 pcs</div><div>RFQ</div></div>       |