

ADUCM360BCPZ128



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Part Number: [ADUCM360BCPZ128](#)

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

Description: IC MCU 32BIT 128KB FLASH 48LFCSP

Data sheet:  [ADuCM36x Getting Started Tutorial](#)  
 [ADuCM360-61 Datasheet](#)  
 [ADuCM360-61 Hardware User Guide](#)

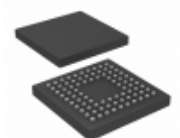
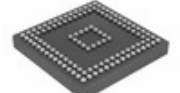
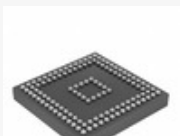
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                              |                                 |                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ADUCM360BCPZ128                                                                                              | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 32BIT 128KB FLASH 48LFCSP                                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8464 pcs                                                                                                     | Data sheet                      | <a href="#">ADuCM36x Getting Started</a><br><a href="#">ADuCM360-61 Datasheet</a><br><a href="#">ADuCM360-61 Hardware User</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                                    | Voltage - Supply (Vcc/Vdd)      | <a href="#">Guide</a><br>1.8 V ~ 3.6 V                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 48-LFCSP-WQ (7x7)                                                                                            | Speed                           | 20 MIPS                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ADuCM                                                                                                        | RAM Size                        | 8K x 8                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                                        | Program Memory Size             | 128KB (128K x 8)                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DMA, POR, PWM, WDT                                                                                           | Packaging                       | Tray                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48-WQFN Exposed Pad, CSP                                                                                     | Oscillator Type                 | Internal                                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 125°C (TA)                                                                                           | Number of I/O                   | 19                                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ARM® Cortex®-M3 ADuCM Microcontroller IC 32-Bit Single-Core 20 MIPS 128KB (128K x 8) FLASH 48-LFCSP-WQ (7x7) | Data Converters                 | A/D 11x24b, D/A 1x12b                                                                                                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32-Bit Single-Core                                                                                           | Core Processor                  | ARM® Cortex®-M3                                                                                                                |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IPC, SPI, UART/USART                                                                                         | Base Part Number                | ADUCM360                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 8464 pieces of ADI (Analog Devices, Inc.) ADUCM360BCPZ128 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="#">ADUCM331WBCPZ-RL</a><br>Description: IC MCU 32BIT 128KB FLASH 32LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM362BCPZ256RL7</a><br>Description: IC MCU 32BIT 256KB FLASH 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM331WDCPZ-RL</a><br>Description: IC MCU 32BIT 128KB FLASH 32LFCSP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM363BCPZ256</a><br>Description: IC MCU 32BIT 256KB FLASH 48LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM331WDCPZ</a><br>Description: IC MCU 32BIT 128KB FLASH 32LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM363BCPZ128</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM322BBCZI-RL</a><br>Description: IC MCU 32BIT 256KB FLASH 96BGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM361BCPZ128-R7</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM350BBCZ</a><br>Description: IC MCU 32BIT 384KB FLASH 120BGA        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM330WDCPZ</a><br>Description: IC MCU 32BIT 96KB FLASH 32LFCSP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM361BCPZ128</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM362BCPZ128RL7</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM330WDCPZ-RL</a><br>Description: IC MCU 32BIT 96KB FLASH 32LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM362BCPZ256</a><br>Description: IC MCU 32BIT 256KB FLASH 48LFCSP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM360BCPZ128-R7</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM331WBCPZ</a><br>Description: IC MCU 32BIT 128KB FLASH 32LFCSP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ADUCM350BBCZ-RL</a><br>Description: IC MCU 32BIT 384KB FLASH 120BGA     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM322BBCZI</a><br>Description: IC MCU 32BIT 256KB FLASH 96BGA        | Manufacturers: <a href="#">Analog Devices Inc.</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">ADUCM363BCPZ128RL7</a><br>Description: IC MCU 32BIT 128KB FLASH 48LFCSP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

Related keywords for **ADUCM360BCPZ128**

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