

**ADUC816BCP Information**


For Reference Only

**Part Number** [ADUC816BCP](#)  
**Manufacturer** Analog Devices Inc.  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 8KB FLASH 56LFCSP  
**Package** 56-VFQFN Exposed Pad, CSP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ADUC816BCP Specifications**

Manufacturer Part Number	<a href="#">ADUC816BCP</a>
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	56-VFQFN Exposed Pad, CSP
Series	MicroConverter? ADuC8xx
Core Processor	8052
Core Size	8-Bit
Speed	12.58MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	PSM, Temp Sensor, WDT
Number of I/O	34
Program Memory Size	8KB (8K x 8)
Program Memory Type	FLASH
EEPROM Size	640 x 8
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 7x16b; D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	56-VFQFN Exposed Pad, CSP
Supplier Device Package	56-LFCSP-VQ (8x8)

[Report errors?](#)

## ADUC816BCP Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ADUC816BCP Payment Methods



## ADUC816BCP Shipping Methods



If you have any question about ADUC816BCP, please do not hesitate to contact us!

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