

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


[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	ADUC816BCP
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
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)

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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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