

ADUC831BSZ Information


For Reference Only

Part Number [ADUC831BSZ](#)
Manufacturer Analog Devices Inc.
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 8BIT 62KB FLASH 52MQFP
Package 52-QFP
 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.


ADUC831BSZ Specifications

Manufacturer Part Number	ADUC831BSZ
Manufacturer	Analog Devices Inc.
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	52-QFP
Series	MicroConverter? ADuC8xx
Core Processor	8052
Core Size	8-Bit
Speed	16MHz
Connectivity	EBI/EMI, I2C, SPI, UART/USART
Peripherals	PSM, Temp Sensor, WDT
Number of I/O	34
Program Memory Size	62KB (62K x 8)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	2.25K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 8x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	52-QFP
Supplier Device Package	52-MQFP (10x10)

[Report errors?](#)

ADUC831BSZ 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.

ADUC831BSZ Payment Methods



ADUC831BSZ Shipping Methods



If you have any question about ADUC831BSZ, please do not hesitate to contact us!

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