

ADUC831BSZ



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Part Number: [ADUC831BSZ](#)

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

Description: IC MCU 8BIT 62KB FLASH 52MQFP

Data sheet:  [ADUC831](#)

RoHS Status: Lead free / RoHS Compliant

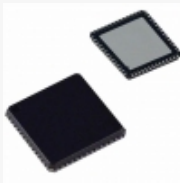
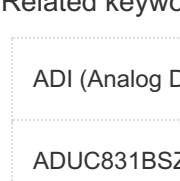
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ADUC831BSZ	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC MCU 8BIT 62KB FLASH 52MQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7215 pcs	Data sheet	ADUC831
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	52-MQFP (10x10)	Speed	16MHz
Series	MicroConverter® ADuC8xx	RAM Size	2.25K x 8
Program Memory Type	FLASH	Program Memory Size	62KB (62K x 8)
Peripherals	PSM, Temp Sensor, WDT	Packaging	Tray
Package / Case	52-QFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	34
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	7 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	4K x 8
Detailed Description	8052 MicroConverter® ADuC8xx Microcontroller IC 8-Bit 16MHz 62KB (62K x 8) FLASH 52-MQFP (10x10)	Data Converters	A/D 8x12b, D/A 2x12b
Core Size	8-Bit	Core Processor	8052
Connectivity	EBI/EMI, I²C, SPI, UART/USART	Base Part Number	ADUC831
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	Part#: ADUC832BSZ-REEL Description: IC MCU 8BIT 62KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC816BCPZ-REEL Description: IC MCU 8BIT 8KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC816BSZ-REEL Description: IC MCU 8BIT 8KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC824BSZ Description: IC MCU 8BIT 8KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC816BCPZ Description: IC MCU 8BIT 8KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC834BCPZ-REEL Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC836BCPZ-REEL Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: ADUC832BSZ Description: IC MCU 8BIT 62KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC834BCPZ Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC834BSZ Description: IC MCU 8BIT 62KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC832BCPZ-REEL Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC832BCPZ Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC816BSZ Description: IC MCU 8BIT 8KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC824BSZ-REEL Description: IC MCU 8BIT 8KB FLASH 52MQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC831BCPZ-REEL Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC824BCPZ Description: IC MCU 8BIT 8KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: ADUC831BSZ-REEL Description: IC MCU 8BIT 62KB FLASH 52MQFP	Manufacturers: Analog Devices Inc.	RFQ
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	Part#: ADUC831BCPZ Description: IC MCU 8BIT 62KB FLASH 56LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

Related keywords for ADUC831BSZ

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