

ADUC832BSZ-REEL

ADUC832BSZ-REEL Information



For Reference Only

Part NumberADUC832BSZ-REELManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)

Embedded - Microcontrollers
IC MCU 8BIT 62KB FLASH 52MQFP

Package 52-QFP

Description

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ADUC832BSZ-REEL Specifications

ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage52-QFPSeriesMicroConverter? ADuC8xxCore Processor8052Core Size8-BitSpeed16MHzConnectivityEBI/EMI, I2C, SPI, UART/USARTPeripheralsPSM, Temp Sensor, WDTNumber of I/O34Program Memory Size62KB (62K x 8)Program Memory TypeFLASHEEPROM Size4K x 8RAM Size2.25K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 8x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-		
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)	Manufacturer Part Number	ADUC832BSZ-REEL
Embedded - Microcontrollers Package 52-QFP Series MicroConverter? ADuC8xx Core Processor 8052 Core Size 8-Bit Speed 16MHz Connectivity EBI/EMI, 12C, 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)	Manufacturer	Analog Devices Inc.
Package 52-QFP Series MicroConverter? ADuC8xx Core Processor 8052 Core Size 8-Bit Speed 16MHz Connectivity EBI/EMI, 12C, 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)	Category	Integrated Circuits (ICs)
Series MicroConverter? ADuC8xx Core Processor 8052 Core Size 8-Bit Speed 16MHz Connectivity EBI/EMI, 12C, 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)		Embedded - Microcontrollers
Core Processor 8052 Core Size 8-Bit Speed 16MHz Connectivity EBI/EMI, 12C, 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)	Package	52-QFP
Core Size 8-Bit Speed 16MHz Connectivity EBI/EMI, 12C, 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)	Series	MicroConverter? ADuC8xx
Speed 16MHz Connectivity EBI/EMI, 12C, 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)	Core Processor	8052
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 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 Supplier Device Package 52-MQFP (10x10)	Core Size	8-Bit
Peripherals 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 Supplier Device Package 52-MQFP (10x10)	Speed	16MHz
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)	Connectivity	EBI/EMI, I2C, SPI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size 4K x 8 RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 8x12b, D/A 2x12b Oscillator Type Internal Operating Temperature Package / Case Supplier Device Package 62KB (62K x 8) 62KB (62K x 8)	Peripherals	PSM, Temp Sensor, WDT
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)	Number of I/O	34
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)	Program Memory Size	62KB (62K 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)	Program Memory Type	FLASH
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)	EEPROM Size	4K x 8
Data Converters A/D $8x12b$, D/A $2x12b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 52-QFP Supplier Device Package 52-MQFP ($10x10$)	RAM Size	2.25K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$ Package / Case 52-QFP Supplier Device Package $52\text{-MQFP} (10x10)$	Data Converters	A/D 8x12b, D/A 2x12b
Mounting Type - Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Oscillator Type	Internal
Package / Case 52-QFP Supplier Device Package 52-MQFP (10x10)	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 52-MQFP (10x10)	Mounting Type	-
**	Package / Case	52-QFP
Report errors?	Supplier Device Package	52-MQFP (10x10)
		Report errors?

ADUC832BSZ-REEL 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.

ADUC832BSZ-REEL Payment Methods





















ADUC832BSZ-REEL Shipping Methods













If you have any question about ADUC832BSZ-REEL, please do not hesitate to contact us!

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