

AT32UC3A0512AU-ALUT Information


For Reference Only

Part Number [AT32UC3A0512AU-ALUT](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 144LQFP
Package 144-LQFP
 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.


AT32UC3A0512AU-ALUT Specifications

Manufacturer Part Number	AT32UC3A0512AU-ALUT
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	AVR?32 UC3 A0 Audio
Core Processor	AVR
Core Size	32-Bit
Speed	66MHz
Connectivity	EBI/EMI, Ethernet, I2C, SPI, SSC, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	109
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V
Data Converters	A/D 8x10b, D/A 2x16b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

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AT32UC3A0512AU-ALUT 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.

AT32UC3A0512AU-ALUT Payment Methods



AT32UC3A0512AU-ALUT Shipping Methods



If you have any question about AT32UC3A0512AU-ALUT, please do not hesitate to contact us!

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