

ATSAM3U1EA-CU Information


For Reference Only

Part Number [ATSAM3U1EA-CU](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 64KB FLASH 144BGA
Package 144-LFBGA
 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.


ATSAM3U1EA-CU Specifications

Manufacturer Part Number	ATSAM3U1EA-CU
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LFBGA
Series	SAM3U
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	96MHz
Connectivity	EBI/EMI, I2C, Memory Card, SPI, SSC, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
Number of I/O	96
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	20K x 8
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Data Converters	A/D 8x10b, 8x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LFBGA
Supplier Device Package	144-BGA (13x13)

[Report errors?](#)

ATSAM3U1EA-CU 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.

ATSAM3U1EA-CU Payment Methods



ATSAM3U1EA-CU Shipping Methods



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