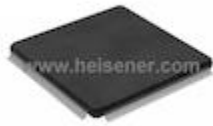


ATSAM4CP16B-AHU-Y Information


For Reference Only

Part Number [ATSAM4CP16B-AHU-Y](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 1MB FLASH 176LQFP
Package 176-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.


ATSAM4CP16B-AHU-Y Specifications

Manufacturer Part Number	ATSAM4CP16B-AHU-Y
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	176-LQFP
Series	SAM4CP
Core Processor	ARM? Cortex?-M4/M4F
Core Size	32-Bit Dual-Core
Speed	120MHz
Connectivity	I2C, IrDA, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	69
Program Memory Size	1MB (1M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	152K x 8
Voltage - Supply (Vcc/Vdd)	1.08 V ~ 3.6 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	176-LQFP
Supplier Device Package	176-LQFP (24x24)

[Report errors?](#)

ATSAM4CP16B-AHU-Y 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.

ATSAM4CP16B-AHU-Y Payment Methods



ATSAM4CP16B-AHU-Y Shipping Methods



If you have any question about ATSAM4CP16B-AHU-Y, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com