

ATSAM4N16CA-AU



Part Number:

ATSAM4N16CA-AU

Manufacturer

Micrel / Microchip Technology

Description

IC MCU 32BIT 1MB FLASH 100LQFP

Data sheet:

 [SAM4N8,16 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

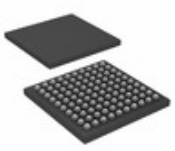
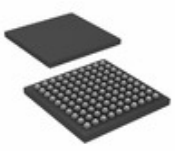
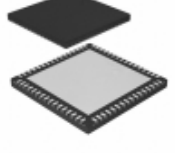
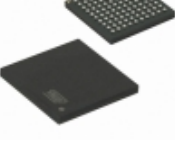
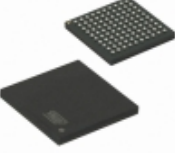
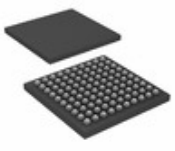
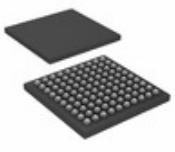
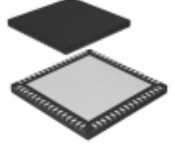
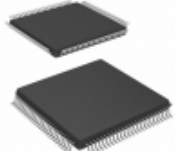
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAM4N16CA-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53822 pcs	Data sheet	SAM4N8,16 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	Speed	100MHz
Series	SAM4N	RAM Size	80K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	1611-ATSAM4N16CA-AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	79	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 SAM4N Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 17x10b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I²C, IrDA, SPI, UART/USART
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	Part#: ATSAM4N-XSTK Description: SAM4N XPLAINED PRO STARTER KIT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAM4N16BA-AU Description: IC MCU 32BIT 1MB FLASH 64LQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAM4N8AA-MUR Description: IC MCU 32BIT 512KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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