

ATSAML22N16A-AUT



Part Number:

ATSAML22N16A-AUT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 64KB FLASH 100TQFP

Data sheet:

 [SAM L22 Datasheet Complete](#)

 [SAM L22 Datasheet Summary](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

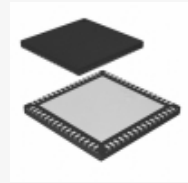
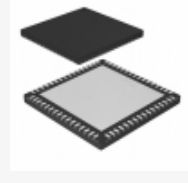
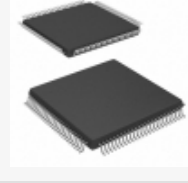
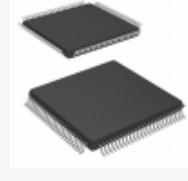
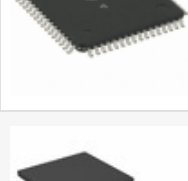
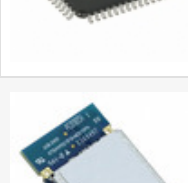
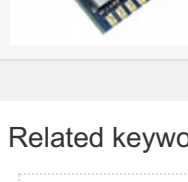
Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAML22N16A-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36555 pcs	Data sheet	SAM L22 Datasheet Complete SAM L22 Datasheet Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.63 V
Supplier Device Package	100-TQFP (14x14)	Speed	32MHz
Series	SAM L22N	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TQFP	Other Names	ATSAML22N16A-AUTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	82	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L22N Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 20x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART, USB
Base Part Number	ATSAML22N16		
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	Part#: ATSAML22J17A-AUT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N16A-CFUT Description: IC MCU 32BIT 64KB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMR21B18-MZ210PA Description: RF TXRX MOD 802.15.4 TRACE ANT	Manufacturers: Micrel / Microchip Technology	RFQ

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