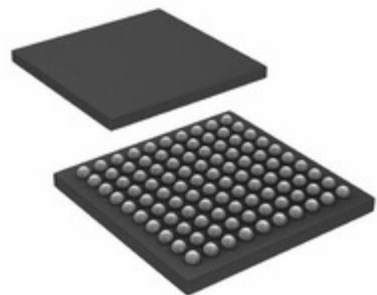


ATSAML22N18A-CFUT





Part Number: [ATSAML22N18A-CFUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 100BGA

Data sheet:  [SAM L22 Datasheet Complete](#)
 [SAM L22 Datasheet Summary](#)

RoHs Status: Lead free / RoHS Compliant

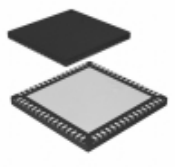
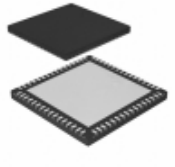
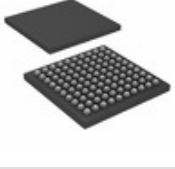
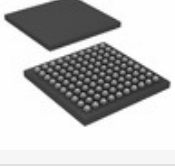
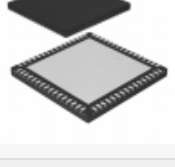
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	ATSAML22N18A-CFUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 100BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21288 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-UFBGA (6x6)	Speed	32MHz
Series	SAM L22N	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-UFBGA	Other Names	ATSAML22N18A-CFUTTR
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	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM L22N Microcontroller IC 32-Bit 32MHz 256KB (256K x 8) FLASH 100-UFBGA (6x6)
Data Converters	A/D 20x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART, USB
Base Part Number	ATSAML22N18		
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	Part#: ATSAML22J16A-MUT Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21B18-MZ210PAT Description: RF TXRX MOD 802.15.4 TRACE ANT	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J17A-AUT Description: IC MCU 32BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N16A-AUT Description: IC MCU 32BIT 64KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J17A-MUT Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N17A-AUT Description: IC MCU 32BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E16A-MFT Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E16A-MU Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21-XPRO Description: EVAL BOARD SAM R21 PRO	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E16A-MUT Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E17A-MU Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N18A-AUT Description: IC MCU 32BIT 256KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E17A-MF Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N17A-CFUT Description: IC MCU 32BIT 128KB FLASH 100BGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22N16A-CFUT Description: IC MCU 32BIT 64KB FLASH 100VFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E17A-MFT Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J18A-AUT Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMR21E16A-MF Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAML22J18A-MUT Description: IC MCU 32BIT 256KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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