



Microchip Technology



Micro Commercial Components

ATSAML22N16A-AUT

Part Number:	ATSAML22N16A-AUT
Manufacturer/Brand:	Micro Commercial Components (MCC)
Product description	IC MCU 32BIT 64KB FLASH 100TQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

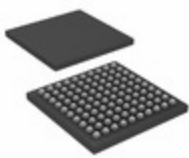
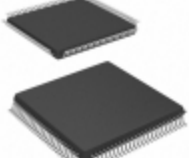
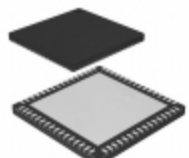
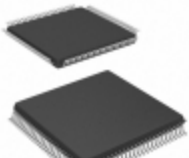
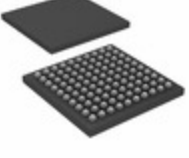
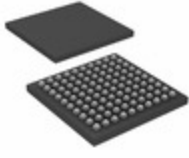
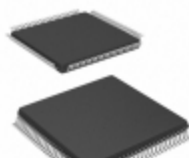
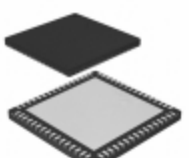
Specifications of ATSAML22N16A-AUT

PART NUMBER	ATSAML22N16A-AUT
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM L22N
REVERSE RECOVERY TIME (TRR)	32MHz
REQUIRES	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PROGRAM MEMORY TYPE	64KB (64K x 8)
PROGRAM MEMORY SIZE	I ² C, SPI, UART/USART, USB
OTHER NAMES	1611-ATSAML22N16A-AUTDKR
OSCILLATOR TYPE	A/D 20x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M0+
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
MANUFACTURER PART NUMBER	ATSAML22N16A-AUT
EXPANDED DESCRIPTION	ARM® Cortex®-M0+ SAM L22N Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH
DESCRIPTION	IC MCU 32BIT 64KB FLASH 100TQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.63 V
CORE SIZE	8K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	82

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Related Products

 ATSAML22N16A-CFUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100VFBGA In stock: Out stock RFQ	 ATSAML22N16A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 100TQFP In stock: Out stock RFQ
 ATSAML22J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ	 ATSAML22N17A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: Out stock RFQ
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