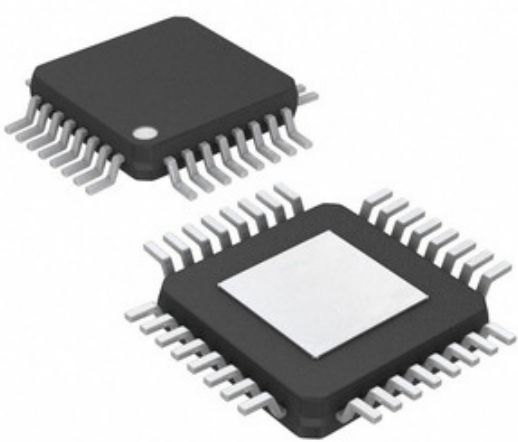


MICROCHIP

Micrel / Microchip Technology



ATSAML21E16B-ANT

Part Number:	ATSAML21E16B-ANT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	32TQFP 85C, GREEN,1.6-3.6V,48MHZ
Datasheets:	 ATSAML21E16B-ANT.pdf
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.

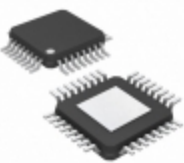
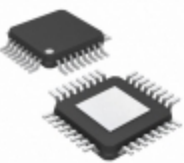
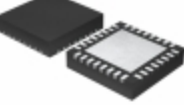
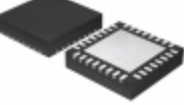
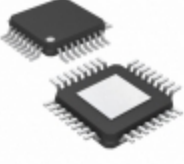
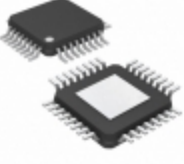
Specifications of ATSAML21E16B-ANT

PART NUMBER	ATSAML21E16B-ANT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	32TQFP 85C, GREEN,1.6-3.6V,48MHZ
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAML21E16B-ANT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
SPEED	48MHz
SERIES	SAM L21E
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-TQFP
OTHER NAMES	ATSAML21E16B-ANTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM L21E Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 32-TQFP (7x7)
DATA CONVERTERS	A/D 10x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SCI, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAML21E16B-ANT	ATSAML21E16B-ANT Distributor	ATSAML21E16B-ANT Supplier
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Related Products

 ATSAML21E15B-ANT Manufacturers: Micrel / Microchip Technology Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ	 ATSAML21E16B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAML21E16B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ	 ATSAML21E16B-MNT Manufacturers: Micrel / Microchip Technology Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ
 ATSAML21E16B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAML21E15B-MNT Manufacturers: Micrel / Microchip Technology Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ
 ATSAML21E15B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 ATSAML21E15B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAML21E16B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ	 ATSAML21E15B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ
 ATSAML21E17B-ANT Manufacturers: Micrel / Microchip Technology Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: Out stock RFQ	 ATSAML21E15B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ