



Micrel / Microchip Technology

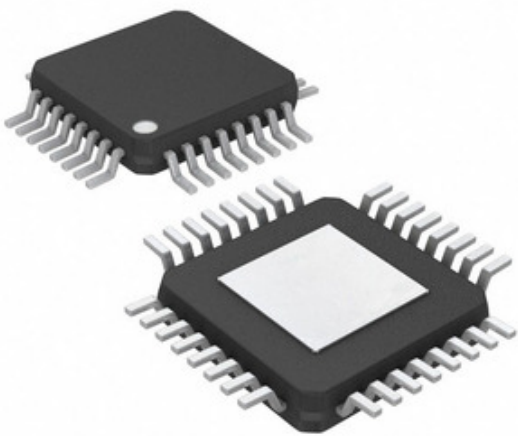


Image may be representation. See specifications for product details.

ATSAMD21E15B-AF

Part Number:	ATSAMD21E15B-AF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 32KB FLASH 32TQFP
	1.ATSAMD21E15B-AF.pdf
	2.ATSAMD21E15B-AF.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

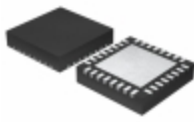
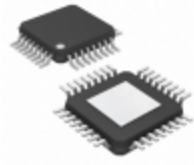
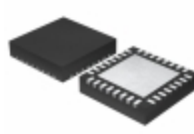
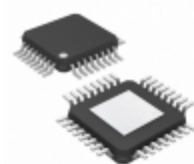
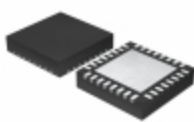
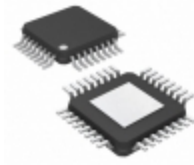
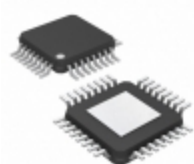
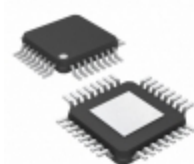
Specifications of ATSAMD21E15B-AF

PART NUMBER	ATSAMD21E15B-AF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 32KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD21E15B-AF.pdf 2.ATSAMD21E15B-AF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
SPEED	48MHz
SERIES	SAM D21E
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	24 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-TQFP (7x7)
DATA CONVERTERS	A/D 10x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	ATSAMD21E15

Related Tags

Micrel / Microchip Technology ATSAMD21E15B-AF	ATSAMD21E15B-AF Distributor	ATSAMD21E15B-AF Supplier
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ATSAMD21E15B-AF PDF Datasheet	ATSAMD21E15B-AF Download Datasheet	ATSAMD21E15B-AF Datasheet
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Related Products

 ATSAMD21E15A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD21E15B-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAMD21E15B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD21E15A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ
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