



ATSAMD21E16B-AF

Part Number:	ATSAMD21E16B-AF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 32TQFP
Datasheets:	1.ATSAMD21E16B-AF.pdf 2.ATSAMD21E16B-AF.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

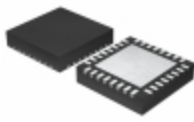
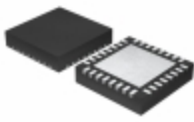
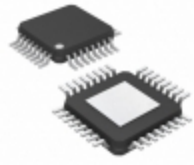
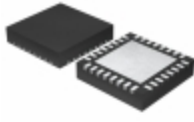
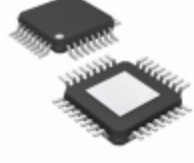
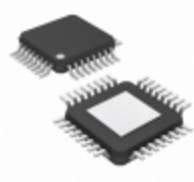
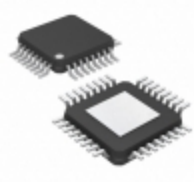
Specifications of ATSAMD21E16B-AF

PART NUMBER	ATSAMD21E16B-AF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD21E16B-AF.pdf 2.ATSAMD21E16B-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	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K 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	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D21E Microcontroller IC 32-Bit 48MHz 64KB (64K 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	ATSAMD21E16

Related Tags

Micrel / Microchip Technology ATSAMD21E16B-AF	ATSAMD21E16B-AF Distributor	ATSAMD21E16B-AF Supplier
ATSAMD21E16B-AF Price	ATSAMD21E16B-AF Pictures	ATSAMD21E16B-AF Image
ATSAMD21E16B-AF PDF Datasheet	ATSAMD21E16B-AF Download Datasheet	ATSAMD21E16B-AF Datasheet
ATSAMD21E16B-AF Stock	Buy ATSAMD21E16B-AF	Buy Micrel / Microchip Technology ATSAMD21E16B-AF
Micrel / Microchip Technology ATSAMD21E16B-AF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMD21E16B-AF	Microchip Technology ATSAMD21E16B-AF	Roving Networks / Microchip Technology ATSAMD21E16B-AF

Related Products

 ATSAMD21E16B-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 465 pcs RFQ	 ATSAMD21E16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ
 ATSAMD21E15L-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD21E16B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAMD21E15L-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD21E16B-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 76 pcs RFQ
 ATSAMD21E16B-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD21E16A-MU Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 113 pcs RFQ
 ATSAMD21E16A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD21E16A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAMD21E16B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 720 pcs RFQ	 ATSAMD21E16B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 614 pcs RFQ