


Micrel / Microchip Technology

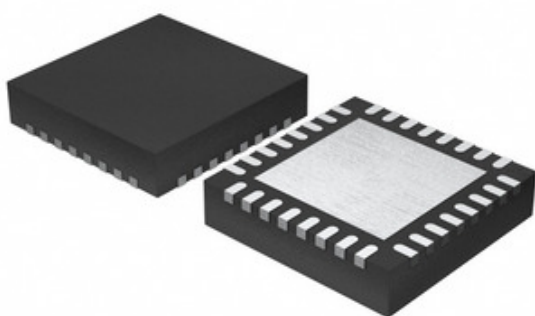


Image may be representation. See specifications for product details.

ATSAMD21E16B-MU

Part Number:	ATSAMD21E16B-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 32QFN
	PDF 1.ATSAMD21E16B-MU.pdf
	PDF 2.ATSAMD21E16B-MU.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	41815 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

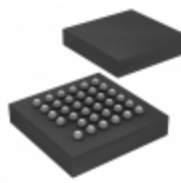
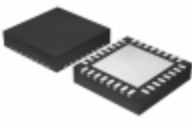
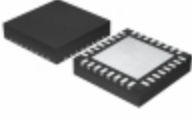
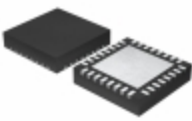
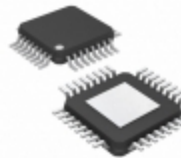
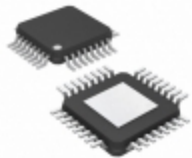
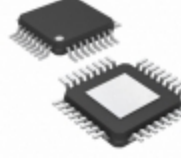
Specifications of ATSAMD21E16B-MU

PART NUMBER	ATSAMD21E16B-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	41815 pcs
DATA SHEET	PDF 1.ATSAMD21E16B-MU.pdf PDF 2.ATSAMD21E16B-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
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-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-QFN (5x5)
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-MU	ATSAMD21E16B-MU Distributor	ATSAMD21E16B-MU Supplier
ATSAMD21E16B-MU Price	ATSAMD21E16B-MU Pictures	ATSAMD21E16B-MU Image
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Micrel / Microchip Technology ATSAMD21E16B-MU	Microchip Technology ATSAMD21E16B-MU	Roving Networks / Microchip Technology ATSAMD21E16B-MU

Related Products

 ATSAMD21E16C-UUT Manufacturers: Micrel / Microchip Technology Description: 35WLCSP,85C TEMP, GREEN, 48MHZ, In stock: 48493 pcs RFQ	 ATSAMD21E16B-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 59566 pcs RFQ
 ATSAMD21E16B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 35WLCSP In stock: 46151 pcs RFQ	 ATSAMD21E16B-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 41481 pcs RFQ
 ATSAMD21E16B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 49791 pcs RFQ	 ATSAMD21E16B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 59111 pcs RFQ
 ATSAMD21E16L-AF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 46529 pcs RFQ	 ATSAMD21E16B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 45923 pcs RFQ
 ATSAMD21E16B-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 50356 pcs RFQ	 ATSAMD21E16B-MFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 48394 pcs RFQ
 ATSAMD21E16B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 35WLCSP In stock: 45697 pcs RFQ	 ATSAMD21E16L-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 44481 pcs RFQ