



Micrel / Microchip Technology

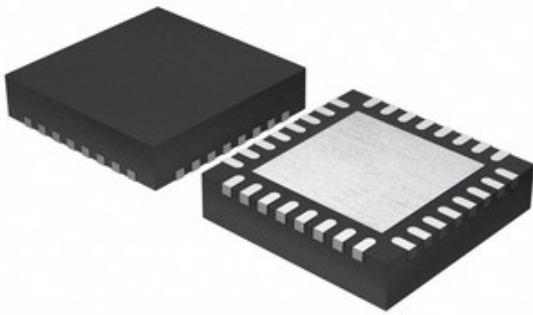


Image may be representation. See specifications for product details.

ATSAMD20E18A-MNT

Part Number:	ATSAMD20E18A-MNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 32QFN
	PDF 1.ATSAMD20E18A-MNT.pdf PDF 2.ATSAMD20E18A-MNT.pdf PDF 3.ATSAMD20E18A-MNT.pdf
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	75983 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

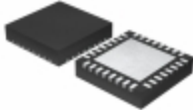
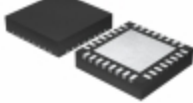
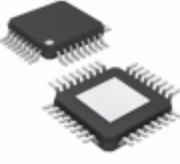
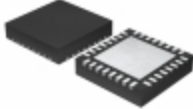
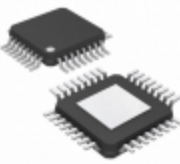
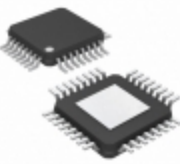
Specifications of ATSAMD20E18A-MNT

PART NUMBER	ATSAMD20E18A-MNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	75983 pcs
DATA SHEET	PDF 1.ATSAMD20E18A-MNT.pdf PDF 2.ATSAMD20E18A-MNT.pdf PDF 3.ATSAMD20E18A-MNT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	48MHz
SERIES	SAM D20E
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	1611-ATSAMD20E18A-MNTCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°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 D20E Microcontroller IC 32-Bit 48MHz 256KB (256K 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, SPI, UART/USART

Related Tags

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Related Products

 ATSAMD20G14A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 62167 pcs RFQ	 ATSAMD20E18A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 51919 pcs RFQ
 ATSAMD20E18A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 37104 pcs RFQ	 ATSAMD20E18A-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 42428 pcs RFQ
 ATSAMD20E18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 51651 pcs RFQ	 ATSAMD20E18A-ANT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 48248 pcs RFQ
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