



Part Number:ATSAMD20E18A-MN

Manufacturer/Brand: [Micrel / Microchip Technology](#)

Product description:IC MCU 32BIT 256KB FLASH 32QFN

 [1.ATSAMD20E18A-MN.pdf](#)

 [2.ATSAMD20E18A-MN.pdf](#)

 [3.ATSAMD20E18A-MN.pdf](#)

Datasheets:

 [1.ATSAMD20E18A-MN.pdf](#)

 [2.ATSAMD20E18A-MN.pdf](#)

 [3.ATSAMD20E18A-MN.pdf](#)

RoHs Status: Lead free / RoHS Compliant

Stock Condition:37104 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

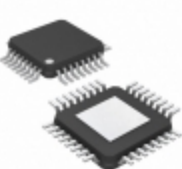
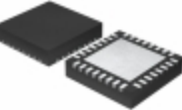
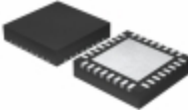
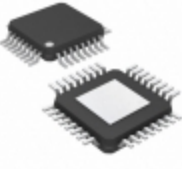
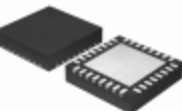
Specifications of ATSAMD20E18A-MN

PART NUMBER	ATSAMD20E18A-MN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	37104 pcs
DATA SHEET	 1.ATSAMD20E18A-MN.pdf  2.ATSAMD20E18A-MN.pdf  3.ATSAMD20E18A-MN.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	Tray
PACKAGE / CASE	32-VFQFN Exposed Pad
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
BASE PART NUMBER	ATSAMD20E18

Related Tags

Micrel / Microchip Technology ATSAMD20E18A-MN	ATSAMD20E18A-MN Distributor	ATSAMD20E18A-MN Supplier
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Related Products

 ATSAMD20E18A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 70652 pcs RFQ	 ATSAMD20E18A-MU Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 45661 pcs RFQ
 ATSAMD20E18A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 39685 pcs RFQ	 ATSAMD20E18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 51651 pcs RFQ
 ATSAMD20E18A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 51438 pcs RFQ	 ATSAMD20E18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 84861 pcs RFQ
 ATSAMD20E18A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 51919 pcs RFQ	 ATSAMD20E18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 48635 pcs RFQ
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