



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD20E16A-MN

Part Number:	ATSAMD20E16A-MN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 32QFN
	 1.ATSAMD20E16A-MN.pdf
	 2.ATSAMD20E16A-MN.pdf
	 3.ATSAMD20E16A-MN.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

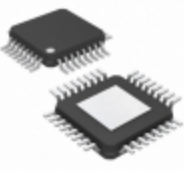
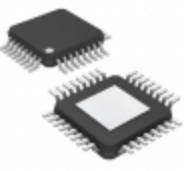
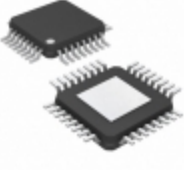
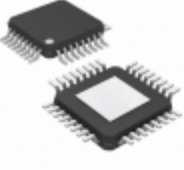
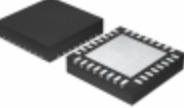
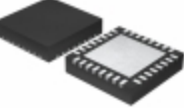
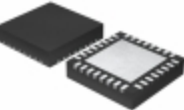
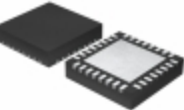
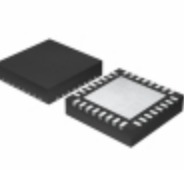
Specifications of ATSAMD20E16A-MN

PART NUMBER	ATSAMD20E16A-MN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMD20E16A-MN.pdf  2.ATSAMD20E16A-MN.pdf  3.ATSAMD20E16A-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	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K 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)
MANUFACTURER STANDARD LEAD TIME	17 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20E 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, SPI, UART/USART
BASE PART NUMBER	ATSAMD20E16

Related Tags

Micrel / Microchip Technology ATSAMD20E16A-MN	ATSAMD20E16A-MN Distributor	ATSAMD20E16A-MN Supplier
ATSAMD20E16A-MN Price	ATSAMD20E16A-MN Pictures	ATSAMD20E16A-MN Image
ATSAMD20E16A-MN PDF Datasheet	ATSAMD20E16A-MN Download Datasheet	ATSAMD20E16A-MN Datasheet
ATSAMD20E16A-MN Stock	Buy ATSAMD20E16A-MN	Buy Micrel / Microchip Technology ATSAMD20E16A-MN
Micrel / Microchip Technology ATSAMD20E16A-MN	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMD20E16A-MN	Microchip Technology ATSAMD20E16A-MN	Roving Networks / Microchip Technology ATSAMD20E16A-MN

Related Products

 ATSAMD20E16A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD20E16B-AU Manufacturers: Micrel / Microchip Technology Description: 32TQFP IND TEMP, GREEN,1.6-3.6V, In stock: 540 pcs RFQ
 ATSAMD20E16A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32TQFP In stock: 113 pcs RFQ	 ATSAMD20E16B-AN Manufacturers: Micrel / Microchip Technology Description: 32TQFP 105C, GREEN,1.6-3.6V,48MH In stock: 500 pcs RFQ
 ATSAMD20E15B-MUT Manufacturers: Micrel / Microchip Technology Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4 In stock: Out stock RFQ	 ATSAMD20E16A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ
 ATSAMD20E16A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD20E16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: Out stock RFQ
 ATSAMD20E16B-ANT Manufacturers: Micrel / Microchip Technology Description: 32TQFP 105C, GREEN,1.6-3.6V,48MH In stock: Out stock RFQ	 ATSAMD20E15B-MU Manufacturers: Micrel / Microchip Technology Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4 In stock: 670 pcs RFQ