



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAMD20E14A-MNT

Part Number:	ATSAMD20E14A-MNT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 16KB FLASH 32QFN
	PDF 1.ATSAMD20E14A-MNT.pdf PDF 2.ATSAMD20E14A-MNT.pdf PDF 3.ATSAMD20E14A-MNT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	71616 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

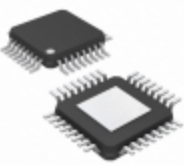
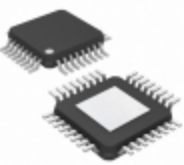
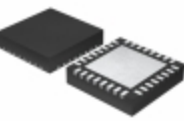
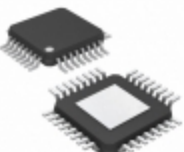
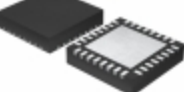
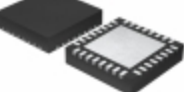
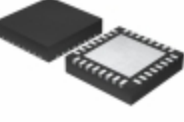
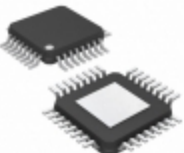
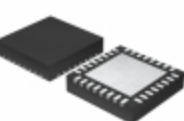
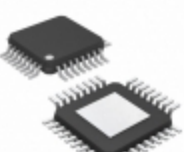
Specifications of ATSAMD20E14A-MNT

PART NUMBER	ATSAMD20E14A-MNT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 16KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	71616 pcs
DATA SHEET	PDF 1.ATSAMD20E14A-MNT.pdf PDF 2.ATSAMD20E14A-MNT.pdf PDF 3.ATSAMD20E14A-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	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	ATSAMD20E14A-MNT-ND ATSAMD20E14A-MNTTR
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 16KB (16K 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	ATSAMD20E14

Related Tags

Micrel / Microchip Technology ATSAMD20E14A-MNT	ATSAMD20E14A-MNT Distributor	ATSAMD20E14A-MNT Supplier
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Micrel / Microchip Technology ATSAMD20E14A-MNT	Microchip Technology ATSAMD20E14A-MNT	Roving Networks / Microchip Technology ATSAMD20E14A-MNT

Related Products

 ATSAMD20E14B-AU Manufacturers: Micrel / Microchip Technology Description: 32TQFP IND TEMP, GREEN,1.6-3.6V, In stock: 51878 pcs RFQ	 ATSAMD20E14A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 61171 pcs RFQ
 ATSAMD20E14A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32QFN In stock: 63074 pcs RFQ	 ATSAMD20E14A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 55631 pcs RFQ
 ATSAMD20E14B-MUT Manufacturers: Micrel / Microchip Technology Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4 In stock: 54353 pcs RFQ	 ATSAMD20E14A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32QFN In stock: 71162 pcs RFQ
 ATSAMD20E14B-AUT Manufacturers: Micrel / Microchip Technology Description: 32TQFP IND TEMP, GREEN,1.6-3.6V, In stock: 53285 pcs RFQ	 ATSAMD20E14B-MU Manufacturers: Micrel / Microchip Technology Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4 In stock: 53465 pcs RFQ
 ATSAMD20-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL KIT XPLAINED PRO CORTEX-M0+ In stock: 1286 pcs RFQ	 ATSAMD20E14A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 58782 pcs RFQ
 ATSAMD20E14A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32QFN In stock: 73047 pcs RFQ	 ATSAMD20E14A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 32TQFP In stock: 60306 pcs RFQ