



Micrel / Microchip Technology

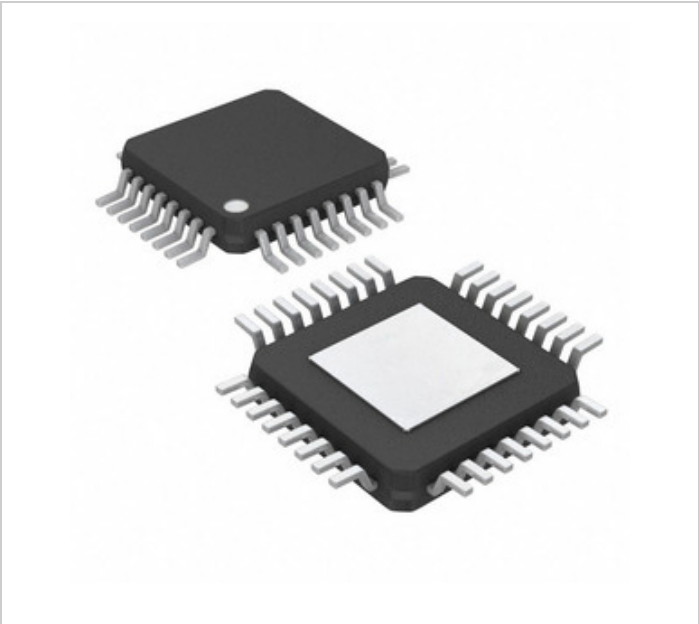


Image may be representation. See specifications for product details.

ATSAMD20E16A-AU

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

REQUEST FOR QUOTATION

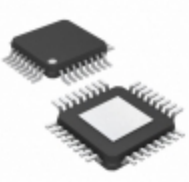
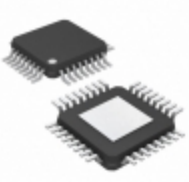
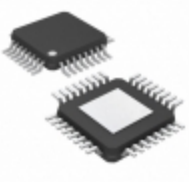
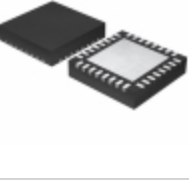
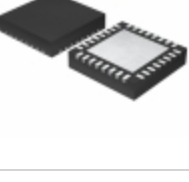
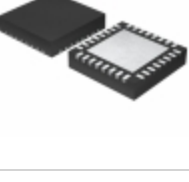
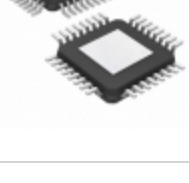
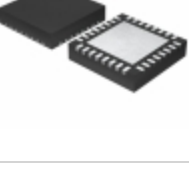
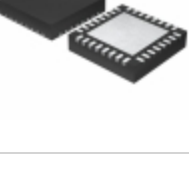
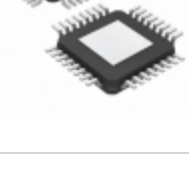
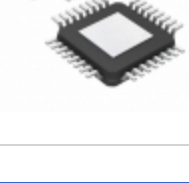
Specifications of ATSAMD20E16A-AU

PART NUMBER	ATSAMD20E16A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD20E16A-AU.pdf 2.ATSAMD20E16A-AU.pdf 3.ATSAMD20E16A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-TQFP (7x7)
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-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 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-TQFP (7x7)
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-AU	ATSAMD20E16A-AU Distributor	ATSAMD20E16A-AU Supplier
ATSAMD20E16A-AU Price	ATSAMD20E16A-AU Pictures	ATSAMD20E16A-AU Image
ATSAMD20E16A-AU PDF Datasheet	ATSAMD20E16A-AU Download Datasheet	ATSAMD20E16A-AU Datasheet
ATSAMD20E16A-AU Stock	Buy ATSAMD20E16A-AU	Buy Micrel / Microchip Technology ATSAMD20E16A-AU
Micrel / Microchip Technology ATSAMD20E16A-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMD20E16A-AU	Microchip Technology ATSAMD20E16A-AU	Roving Networks / Microchip Technology ATSAMD20E16A-AU

Related Products

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