



Micrel / Microchip Technology

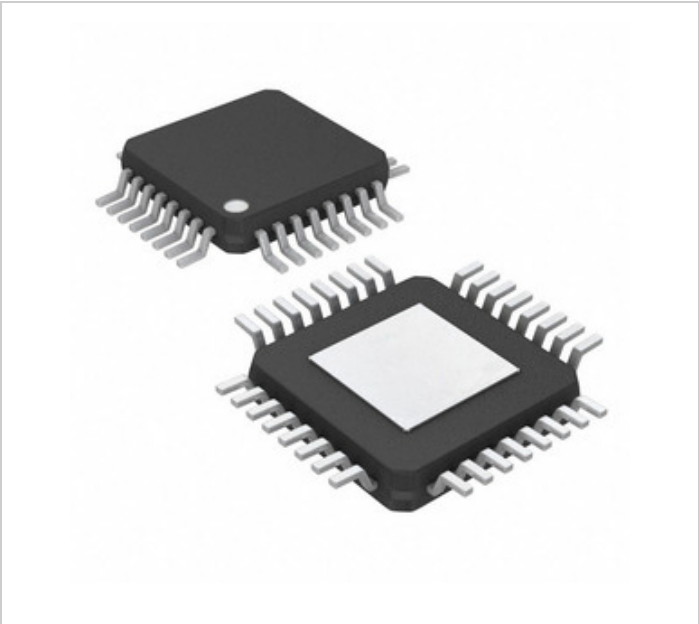


Image may be representation. See specifications for product details.

ATSAMD20E18A-AU

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

REQUEST FOR QUOTATION

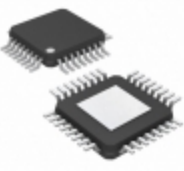
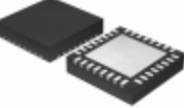
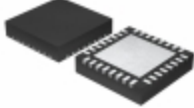
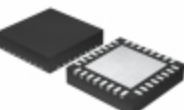
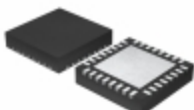
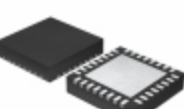
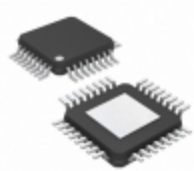
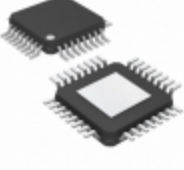
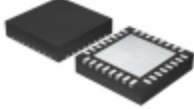
Specifications of ATSAMD20E18A-AU

PART NUMBER	ATSAMD20E18A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMD20E18A-AU.pdf  2.ATSAMD20E18A-AU.pdf  3.ATSAMD20E18A-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	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-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	25 Weeks
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-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	ATSAMD20E18

Related Tags

Micrel / Microchip Technology ATSAMD20E18A-AU	ATSAMD20E18A-AU Distributor	ATSAMD20E18A-AU Supplier
ATSAMD20E18A-AU Price	ATSAMD20E18A-AU Pictures	ATSAMD20E18A-AU Image
ATSAMD20E18A-AU PDF Datasheet	ATSAMD20E18A-AU Download Datasheet	ATSAMD20E18A-AU Datasheet
ATSAMD20E18A-AU Stock	Buy ATSAMD20E18A-AU	Buy Micrel / Microchip Technology ATSAMD20E18A-AU
Micrel / Microchip Technology ATSAMD20E18A-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMD20E18A-AU	Microchip Technology ATSAMD20E18A-AU	Roving Networks / Microchip Technology ATSAMD20E18A-AU

Related Products

 ATSAMD20E18A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD20E18A-MU Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: Out stock RFQ
 ATSAMD20E18A-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD20E18A-ANT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 483 pcs RFQ
 ATSAMD20E17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD20E18A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 685 pcs RFQ
 ATSAMD20E17A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD20E17A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 666 pcs RFQ
 ATSAMD20E18A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: Out stock RFQ	 ATSAMD20E18A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: Out stock RFQ
 ATSAMD20E18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: Out stock RFQ	 ATSAMD20E18A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 490 pcs RFQ