



Image may be representation. See specifications for product details.

ATSAMD20J18A-MU

Part Number:	ATSAMD20J18A-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64QFN
	PDF 1.ATSAMD20J18A-MU.pdf PDF 2.ATSAMD20J18A-MU.pdf PDF 3.ATSAMD20J18A-MU.pdf
Datasheets:	
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	34216 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

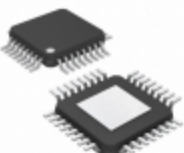
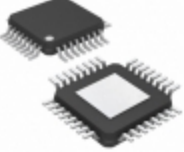
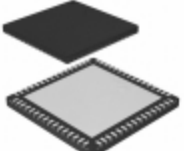
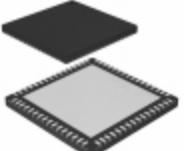
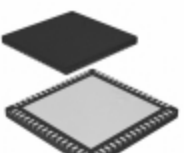
Specifications of ATSAMD20J18A-MU

PART NUMBER	ATSAMD20J18A-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	34216 pcs
DATA SHEET	PDF 1.ATSAMD20J18A-MU.pdf PDF 2.ATSAMD20J18A-MU.pdf PDF 3.ATSAMD20J18A-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	48MHz
SERIES	SAM D20J
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	64-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 20x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20J18

Related Tags

Micrel / Microchip Technology ATSAMD20J18A-MU	ATSAMD20J18A-MU Distributor	ATSAMD20J18A-MU Supplier
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Micrel / Microchip Technology ATSAMD20J18A-MU	Microchip Technology ATSAMD20J18A-MU	Roving Networks / Microchip Technology ATSAMD20J18A-MU

Related Products

 ATSAMD21E15A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: 267443 pcs RFQ	 ATSAMD20J18A-MNT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 44098 pcs RFQ
 ATSAMD21E15A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 273452 pcs RFQ	 ATSAMD20J18A-CUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: 37544 pcs RFQ
 ATSAMD21-XPRO Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD SAM D21 XPLAINED PRO In stock: 2734 pcs RFQ	 ATSAMD21E15A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 32TQFP In stock: 54658 pcs RFQ
 ATSAMD20J18A-MNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 68506 pcs RFQ	 ATSAMD20J18A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 45101 pcs RFQ
 ATSAMD20J18A-CUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: 38248 pcs RFQ	 ATSAMD20J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 38246 pcs RFQ
 ATSAMD20J18A-CU Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: 38636 pcs RFQ	 ATSAMD21BLDC24V-STK Manufacturers: Micrel / Microchip Technology Description: SAMD21J18A MOTOR CONTROL KIT In stock: 137 pcs RFQ