



Micrel / Microchip Technology

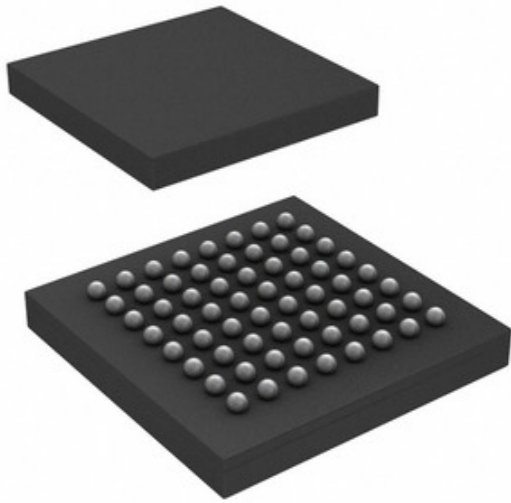


Image may be representation. See specifications for product details.

ATSAMD21J18A-CU

Part Number:	ATSAMD21J18A-CU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64UFBGA
	1.ATSAMD21J18A-CU.pdf
	2.ATSAMD21J18A-CU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

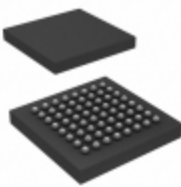
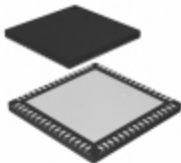
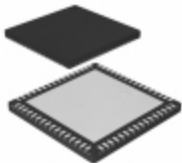
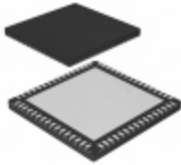
Specifications of ATSAMD21J18A-CU

PART NUMBER	ATSAMD21J18A-CU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64UFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAMD21J18A-CU.pdf 2.ATSAMD21J18A-CU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-UFBGA (5x5)
SPEED	48MHz
SERIES	SAM D21J
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-UFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	7 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-UFBGA (5x5)
DATA CONVERTERS	A/D 20x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	ATSAMD21J18

Related Tags

Micrel / Microchip Technology ATSAMD21J18A-CU	ATSAMD21J18A-CU Distributor	ATSAMD21J18A-CU Supplier
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Related Products

 Micro Commercial Components ATSAMD21J18A-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 875 pcs RFQ	 Micro Commercial Components ATSAMD21J18A-MFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ
 Micro Commercial Components ATSAMD21J18A-CUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: Out stock RFQ	 ATSAMD21J18A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: Out stock RFQ
 ATSAMD21J18A-CUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64UFBGA In stock: Out stock RFQ	 Micro Commercial Components ATSAMD21J18A-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 93 pcs RFQ
 ATSAMD21J18A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 260 pcs RFQ	 ATSAMD21J18A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ
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