


Micrel / Microchip Technology

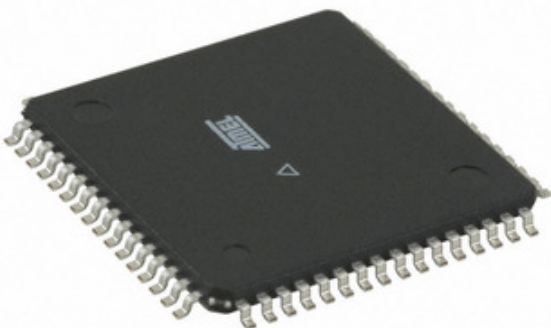


Image may be representation. See specifications for product details.

ATSAMD21J18A-AF

Part Number:	ATSAMD21J18A-AF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64TQFP
Datasheets:	PDF 1.ATSAMD21J18A-AF.pdf PDF 2.ATSAMD21J18A-AF.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22717 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

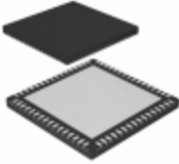
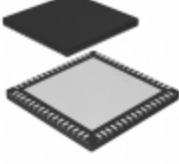
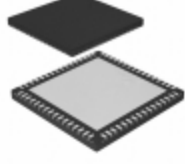
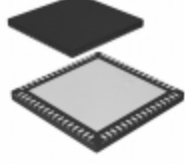
Specifications of ATSAMD21J18A-AF

PART NUMBER	ATSAMD21J18A-AF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22717 pcs
DATA SHEET	PDF 1.ATSAMD21J18A-AF.pdf PDF 2.ATSAMD21J18A-AF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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-TQFP Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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 D21J Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)
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-AF	ATSAMD21J18A-AF Distributor	ATSAMD21J18A-AF Supplier
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Related Products

 ATSAMD21J17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 78643 pcs RFQ	 ATSAMD21J17A-CUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64UFBGA In stock: 48440 pcs RFQ
 ATSAMD21J18A-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 31872 pcs RFQ	 ATSAMD21J18A-AF Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 32683 pcs RFQ
 ATSAMD21J18A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 33762 pcs RFQ	 ATSAMD21J18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 25601 pcs RFQ
 ATSAMD21J17A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 50440 pcs RFQ	 ATSAMD21J17A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 34848 pcs RFQ
 ATSAMD21J17A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 40699 pcs RFQ	 ATSAMD21J18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 34791 pcs RFQ
 ATSAMD21J18A-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 31096 pcs RFQ	 ATSAMD21J17A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 43631 pcs RFQ