



ATSAMD21G18A-AF

Part Number:	ATSAMD21G18A-AF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 48TQFP
Datasheets:	1.ATSAMD21G18A-AF.pdf 2.ATSAMD21G18A-AF.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	26978 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAMD21G18A-AF

PART NUMBER	ATSAMD21G18A-AF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26978 pcs
DATA SHEET	1.ATSAMD21G18A-AF.pdf 2.ATSAMD21G18A-AF.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-TQFP (7x7)
SPEED	48MHz
SERIES	SAM D21G
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	48-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D21G Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-TQFP (7x7)
DATA CONVERTERS	A/D 14x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	ATSAMD21G18

Related Tags

Micrel / Microchip Technology ATSAMD21G18A-AF	ATSAMD21G18A-AF Distributor	ATSAMD21G18A-AF Supplier
ATSAMD21G18A-AF Price	ATSAMD21G18A-AF Pictures	ATSAMD21G18A-AF Image
ATSAMD21G18A-AF PDF Datasheet	ATSAMD21G18A-AF Download Datasheet	ATSAMD21G18A-AF Datasheet
ATSAMD21G18A-AF Stock	Buy ATSAMD21G18A-AF	Buy Micrel / Microchip Technology ATSAMD21G18A-AF
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Micrel / Microchip Technology ATSAMD21G18A-AF	Microchip Technology ATSAMD21G18A-AF	Roving Networks / Microchip Technology ATSAMD21G18A-AF

Related Products

 ATSAMD21G18A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 34710 pcs RFQ	 ATSAMD21G17A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 44065 pcs RFQ
 ATSAMD21G18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 31277 pcs RFQ	 ATSAMD21G17A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 40904 pcs RFQ
 ATSAMD21G17A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 46531 pcs RFQ	 ATSAMD21G17A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 45WLCSP In stock: 43952 pcs RFQ
 ATSAMD21G18A-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 33407 pcs RFQ	 ATSAMD21G17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 82368 pcs RFQ
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 ATSAMD21G17A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 49214 pcs RFQ	 ATSAMD21G18A-AU Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 37908 pcs RFQ