



Microchip Technology

ATSAMD21G18A-AF

Part Number:	ATSAMD21G18A-AF
Manufacturer/Brand:	Micro Commercial Components (MCC)
Product description:	IC MCU 32BIT 256KB FLASH 48TQFP
Datasheets:	
RoHs Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

Specifications of ATSAMD21G18A-AF

PART NUMBER	ATSAMD21G18A-AF
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM D21G
REVERSE RECOVERY TIME (TRR)	48MHz
REQUIRES	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
PROGRAM MEMORY TYPE	256KB (256K x 8)
PROGRAM MEMORY SIZE	I ² C, LIN, SPI, UART/USART, USB
OTHER NAMES	1611-ATSAMD21G18A-AF
OSCILLATOR TYPE	A/D 14x12b, D/A 1x10b
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M0+
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
MANUFACTURER PART NUMBER	ATSAMD21G18A-AF
EXPANDED DESCRIPTION	ARM® Cortex®-M0+ SAM D21G Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48TQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.6 V
CORE SIZE	32K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	38

Related Tags

Micro Commercial Components (MCC) ATSAMD21G18A-AF	ATSAMD21G18A-AF Distributor	ATSAMD21G18A-AF Supplier
ATSAMD21G18A-AF Price	ATSAMD21G18A-AF Pictures	ATSAMD21G18A-AF Image
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Related Products

<p>ATSAMD21G18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>	<p>ATSAMD21G17A-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>
<p>ATSAMD21G18A-MF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 111 pcs RFQ</p>	<p>ATSAMD21G18A-AF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 341 pcs RFQ</p>
<p>ATSAMD21G17A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 416 pcs RFQ</p>	<p>ATSAMD21G17A-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>
<p>ATSAMD21G17A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: Out stock RFQ</p>	<p>ATSAMD21G18A-AU Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 1 pcs RFQ</p>
<p>ATSAMD21G18A-AFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>	<p>ATSAMD21G18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>
<p>ATSAMD21G17A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 45WLCSP In stock: Out stock RFQ</p>	<p>ATSAMD21G18A-AFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: Out stock RFQ</p>

