



ATSAMD21G16A-AU

Part Number:	ATSAMD21G16A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 64KB FLASH 48TQFP
Datasheets:	PDF 1.ATSAMD21G16A-AU.pdf PDF 2.ATSAMD21G16A-AU.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	203043 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAMD21G16A-AU

PART NUMBER	ATSAMD21G16A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 64KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	203043 pcs
DATA SHEET	PDF 1.ATSAMD21G16A-AU.pdf PDF 2.ATSAMD21G16A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-TQFP (7x7)
SPEED	48MHz
SERIES	SAM D21G
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-TQFP
OTHER NAMES	1611-ATSAMD21G16A-AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 64KB (64K 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

Related Tags

Micrel / Microchip Technology ATSAMD21G16A-AU	ATSAMD21G16A-AU Distributor	ATSAMD21G16A-AU Supplier
ATSAMD21G16A-AU Price	ATSAMD21G16A-AU Pictures	ATSAMD21G16A-AU Image
ATSAMD21G16A-AU PDF Datasheet	ATSAMD21G16A-AU Download Datasheet	ATSAMD21G16A-AU Datasheet
ATSAMD21G16A-AU Stock	Buy ATSAMD21G16A-AU	Buy Micrel / Microchip Technology ATSAMD21G16A-AU
Micrel / Microchip Technology ATSAMD21G16A-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMD21G16A-AU	Microchip Technology ATSAMD21G16A-AU	Roving Networks / Microchip Technology ATSAMD21G16A-AU

Related Products

 ATSAMD21G15B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 54851 pcs RFQ	 ATSAMD21G16A-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 191707 pcs RFQ
 ATSAMD21G15B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 91098 pcs RFQ	 ATSAMD21G16A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 44336 pcs RFQ
 ATSAMD21G15B-MFT Manufacturers: Microchip Technology Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 61932 pcs RFQ	 ATSAMD21G16B-AF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 56468 pcs RFQ
 ATSAMD21G15B-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 55810 pcs RFQ	 ATSAMD21G15B-MFT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 107138 pcs RFQ
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