

ATSAMD21J16A-CU



Part Number: [ATSAMD21J16A-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 64UFBGA

Data sheet:  [SAM D21E,G,J Summary](#)
 [SAM D21E,G,J Complete](#)

RoHs Status: Lead free / RoHS Compliant

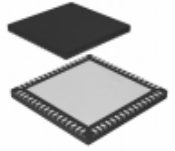
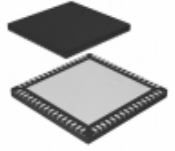
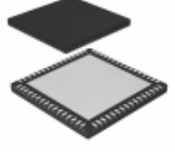
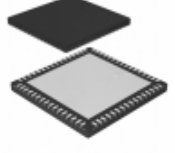
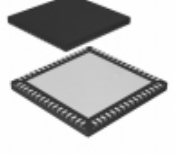
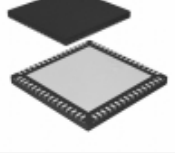
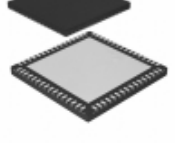
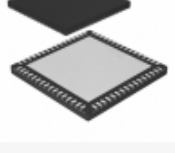
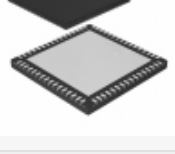
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PRODUCT PARAMETER			
Part Number	ATSAMD21J16A-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 64UFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5213 pcs	Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	64-UFBGA (5x5)	Speed	48MHz
Series	SAM D21J	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, 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)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D21J Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-UFBGA (5x5)
Data Converters	A/D 20x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, LINbus, SPI, UART/USART, USB
Base Part Number	ATSAMD21J16		
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