

ATSAMD21G18A-UUT



Part Number:

ATSAMD21G18A-UUT

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 32BIT 256KB FLASH 45WLCSP

Data sheet:

 [SAM D21E,G,J Summary](#)

 [SAM D21E,G,J Complete](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

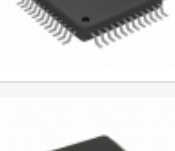
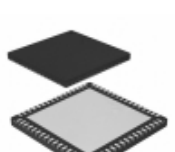
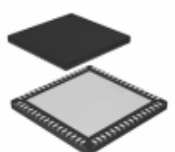
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PRODUCT PARAMETER			
Part Number	ATSAMD21G18A-UUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 45WLCSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32833 pcs	Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Supplier Device Package	45-WLCSP	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, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	45-XFBGA, WLCSP	Other Names	ATSAMD21G18A-UUT-ND ATSAMD21G18A-UUTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	22 Weeks	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 45-WLCSP
Data Converters	A/D 14x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I ² C, LINbus, SPI, UART/USART, USB
Base Part Number	ATSAMD21G18		
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