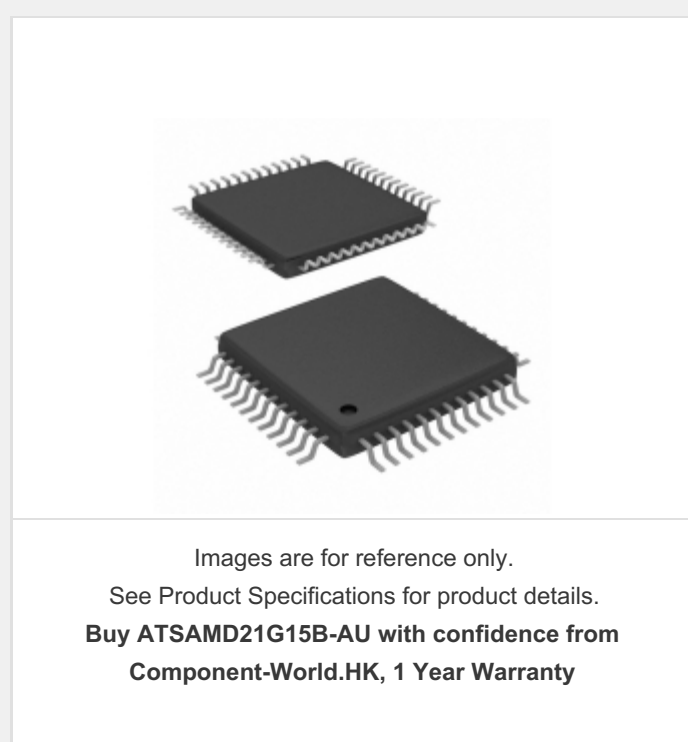


ATSAMD21G15B-AU



Part Number: [ATSAMD21G15B-AU](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 32BIT 32KB FLASH 48TQFP
Data sheet: [SAM D21E,G,J Summary](#)
[SAM D21E,G,J Complete](#)










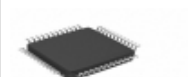










RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER	
Part Number	ATSAMD21G15B-AU
Description	IC MCU 32BIT 32KB FLASH 48TQFP
Quantity Available	68574 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	48-TQFP (7x7)
Series	SAM D21G
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, PS, POR, PWM, WDT
Package / Case	48-TQFP
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M0+ SAM D21G Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 48-TQFP (7x7)
Core Size	32-Bit
Connectivity	I ² C, LINbus, SPI, UART/USART, USB
Manufacturer	Micrel / Microchip Technology
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	SAM D21E,G,J Summary SAM D21E,G,J Complete
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 3.6 V
Speed	48MHz
RAM Size	4K x 8
Program Memory Size	32KB (32K x 8)
Packaging	Tray
Oscillator Type	Internal
Number of I/O	38
Manufacturer Standard Lead Time	18 Weeks
EEPROM Size	-
Data Converters	A/D 14x12b, D/A 1x10b
Core Processor	ARM® Cortex®-M0+
Base Part Number	ATSAMD21G15

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