

ATSAMD20E15B-MUT



Part Number: [ATSAMD20E15B-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4

Data sheet:  [SAM D20\(E,G,J\) Summary](#)
 [SAM D20 Family Silicon Errata](#)
 [SAM D20 Family Complete Datasheet](#)

RoHs Status:

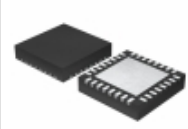
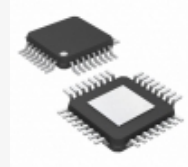
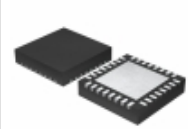
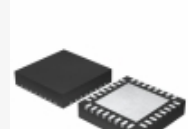
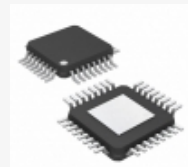
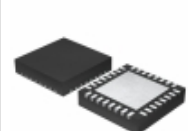
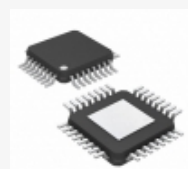
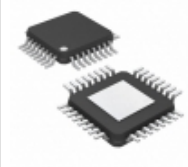
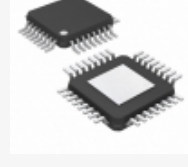
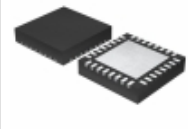
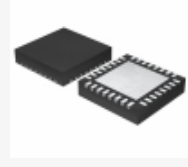
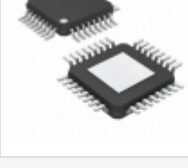
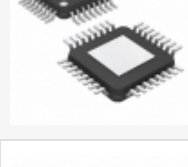
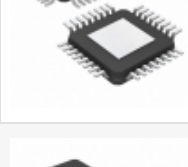
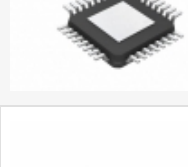
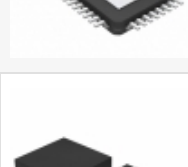
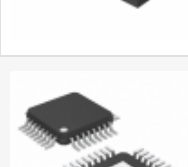
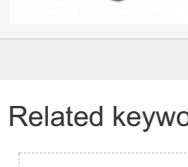
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PRODUCT PARAMETER			
Part Number	ATSAMD20E15B-MUT	Manufacturer	Micrel / Microchip Technology
Description	32QFN IND TEMP, GREEN,1.6-3.6V,4	Lead Free Status / RoHS Status	
Quantity Available	78036 pcs	Data sheet	SAM D20(E,G,J) Summary SAM D20 Family Silicon Errata SAM D20 Family Complete Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.62 V ~ 3.6 V
Supplier Device Package	32-VQFN (5x5)	Speed	48MHz
Series	SAM D20E	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-VQFN Exposed Pad	Other Names	ATSAMD20E15B-MUTTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	26	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	27 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ SAM D20E Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 32-VQFN (5x5)	Data Converters	A/D 10x12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	IPC, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: ATSAMD20E16A-MU Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E16B-ANT Description: 32TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15A-MNT Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E16A-MUT Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E16A-MN Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E16B-AN Description: 32TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E15A-ANT Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15B-AUT Description: 32TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15A-AU Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E16A-AN Description: IC MCU 32BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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