

ATSAMD20E14A-MUT



Part Number: [ATSAMD20E14A-MUT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 16KB FLASH 32QFN

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

RoHs Status: Lead free / RoHS Compliant

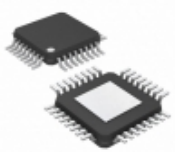
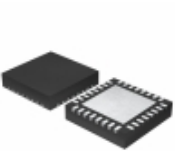
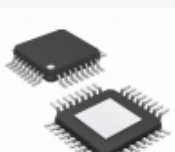
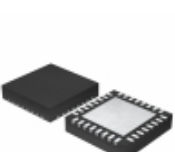
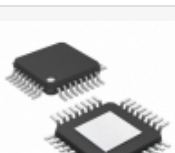
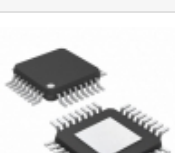
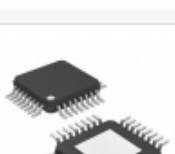
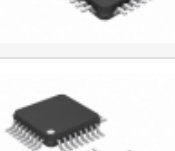
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	ATSAMD20E14A-MUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 16KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	72122 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)	1.62 V ~ 3.6 V
Supplier Device Package	32-QFN (5x5)	Speed	48MHz
Series	SAM D20E	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Other Names	ATSAMD20E14A-MUTTR
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	26 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D20E Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 32-QFN (5x5)
Data Converters	A/D 10x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATSAMD20E14		
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	Part#: ATSAMD20E14A-MNT Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15A-AUT Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E14A-AN Description: IC MCU 32BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15A-AU Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E14B-MU Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E14B-AU Description: 32TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E14B-AUT Description: 32TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E14A-ANT Description: IC MCU 32BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E14A-MN Description: IC MCU 32BIT 16KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E14A-AUT Description: IC MCU 32BIT 16KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20-QTRDEMO Description: DEMO KIT FOR SAMD20	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E15A-AN Description: IC MCU 32BIT 32KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20E14B-MUT Description: 32QFN IND TEMP, GREEN,1.6-3.6V,4	Manufacturers: Micrel / Microchip Technology	RFQ

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