

ATSAMD20J16A-AUT



Part Number:

[ATSAMD20J16A-AUT](#)

Manufacturer:

[Micrel / Microchip Technology](#)

Description:

IC MCU 32BIT 64KB FLASH 64TQFP

Data sheet:

 [SAM D20\(E,G,J\) Summary](#)

 [SAM D20 Family Silicon Errata](#)

 [SAM D20 Family Complete Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

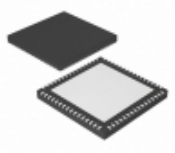
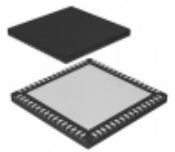
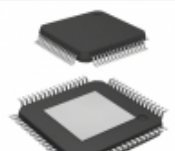
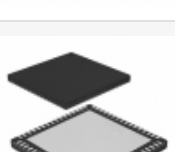
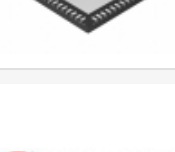
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PRODUCT PARAMETER			
Part Number	ATSAMD20J16A-AUT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	53152 pcs	Data sheet	SAM D20(E,G,J) 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	64-TQFP (10x10)	Speed	48MHz
Series	SAM D20J	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Original-Reel®
Package / Case	64-TQFP Exposed Pad	Other Names	ATSAMD20J16A-AUTDKR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	52	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D20J Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 20x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATSAMD20J16		
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	Part#: ATSAMD20J16A-AU Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J15B-AUT Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16A-ANT Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16B-ANT Description: 64TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16A-CNT Description: IC MCU 32BIT 64KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J15B-MUT Description: 64QFN IND TEMP, GREEN,1.6-3.6V,4	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16A-MN Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20J16A-CUT Description: IC MCU 32BIT 64KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16A-AN Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20J15B-AU Description: 64TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20J16A-CN Description: IC MCU 32BIT 64KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16B-AN Description: 64TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20J16A-CU Description: IC MCU 32BIT 64KB FLASH 64UFBGA	Manufacturers: Micrel / Microchip Technology	RFQ

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