

ATSAMD20G16A-MN



Part Number: [ATSAMD20G16A-MN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 64KB FLASH 48QFN

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

RoHs Status: Lead free / RoHS Compliant

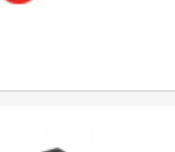
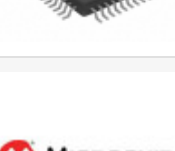
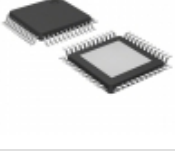
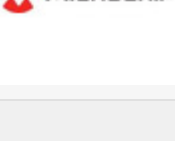
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PRODUCT PARAMETER			
Part Number	ATSAMD20G16A-MN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 64KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	61682 pcs	Data sheet	SAM D20(E,G,J) Summary SAM D20 Family Silicon Errata SAM D20 Family Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.02 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	Speed	48MHz
Series	SAM D20G	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	38
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ SAM D20G Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 48-QFN (7x7)	Data Converters	A/D 14x12b, D/A 1x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	PC, SPI, UART/USART	Base Part Number	ATSAMD20G16
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	Part#: ATSAMD20G16B-MU Description: 48QFN IND TEMP, GREEN,1.6-3.6V,4	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16B-MN Description: 48QFN 105C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16A-ANT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16A-MU Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16A-MUT Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16B-AUT Description: 48TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16B-AN Description: 48TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G15B-MUT Description: 48QFN IND TEMP, GREEN,1.6-3.6V,4	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G15A-MU Description: IC MCU 32BIT 32KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16A-AUT Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16B-ANT Description: 48TQFP 105C, GREEN,1.6-3.6V,48MH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G15B-AU Description: 48TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G15B-AUT Description: 48TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20G16B-AU Description: 48TQFP IND TEMP, GREEN,1.6-3.6V,	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATSAMD20G16B-MNT Description: 48QFN 105C, GREEN,1.6-3.6V,48MHZ	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20G16A-MNT Description: IC MCU 32BIT 64KB FLASH 48QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for ATSAMD20G16A-MN			
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