

ATSAMD20E18A-AU



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Part Number: [ATSAMD20E18A-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 256KB FLASH 32TQFP

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

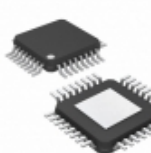
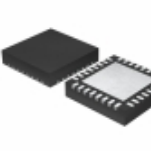
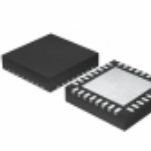
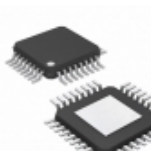
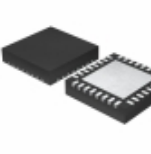
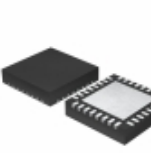
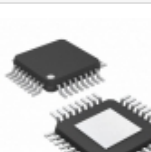
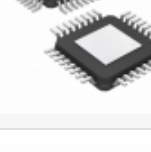
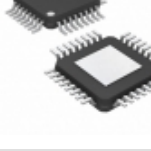
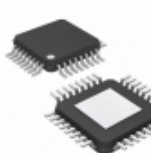
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	ATSAMD20E18A-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 256KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	57858 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-TQFP (7x7)	Speed	48MHz
Series	SAM D20E	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, POR, WDT	Packaging	Tray
Package / Case	32-TQFP	Other Names	1611-ATSAMD20E18A-AU
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	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M0+ SAM D20E Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 32-TQFP (7x7)
Data Converters	A/D 10x12b, D/A 1x10b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M0+	Connectivity	I²C, SPI, UART/USART
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	Part#: ATSAMD20E18A-MUT Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATSAMD20E18A-MU Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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