

 **Micrel / Microchip Technology**



ATSAMD20G18A-MU

Part Number:	ATSAMD20G18A-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 48QFN
	 1.ATSAMD20G18A-MU.pdf
	 2.ATSAMD20G18A-MU.pdf
	 3.ATSAMD20G18A-MU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	41705 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ATSAMD20G18A-MU

PART NUMBER	ATSAMD20G18A-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	41705 pcs
DATA SHEET	 1.ATSAMD20G18A-MU.pdf  2.ATSAMD20G18A-MU.pdf  3.ATSAMD20G18A-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	48MHz
SERIES	SAM D20G
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	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ SAM D20G Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D 14x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATSAMD20G18

Related Tags

Micrel / Microchip Technology ATSAMD20G18A-MU	ATSAMD20G18A-MU Distributor	ATSAMD20G18A-MU Supplier
ATSAMD20G18A-MU Price	ATSAMD20G18A-MU Pictures	ATSAMD20G18A-MU Image
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Related Products

 ATSAMD20G18A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 45WLCSP In stock: 40496 pcs RFQ	 ATSAMD20G18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 52885 pcs RFQ
 ATSAMD20J14A-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 64TQFP In stock: 54528 pcs RFQ	 ATSAMD20G18A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48TQFP In stock: 36229 pcs RFQ
 ATSAMD20G18A-MN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 43035 pcs RFQ	 ATSAMD20J14A-ANT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 16KB FLASH 64TQFP In stock: 53992 pcs RFQ
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