

ATSAMD51J20A-MU



Part Number:

ATSAMD51J20A-MU

Manufacturer:

Micrel / Microchip Technology

Description:

120MHZ 1024KB FLASH 64 QFN PKG I

Data sheet:

 [SAM D5x,E5x Family Datasheet](#)

 [SAM D5x,E5x Family Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

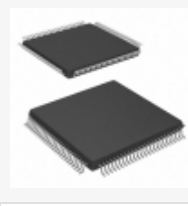
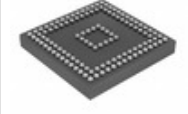
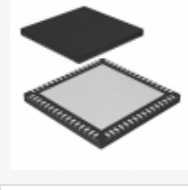
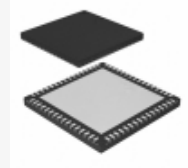
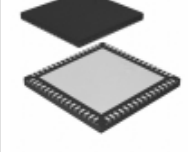
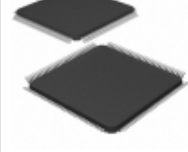
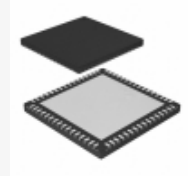
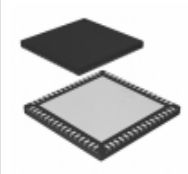
Shipment Way:

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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATSAMD51J20A-MU	Manufacturer	Micrel / Microchip Technology
Description	120MHZ 1024KB FLASH 64 QFN PKG I	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25299 pcs	Data sheet	SAM D5x,E5x Family Datasheet SAM D5x,E5x Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.63 V
Supplier Device Package	64-VQFN (9x9)	Speed	120MHz
Series	SAM D51	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM	Packaging	Tray
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	51
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F SAM D51 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 64-VQFN (9x9)	Data Converters	A/D 24x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB		
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