



Micrel / Microchip Technology

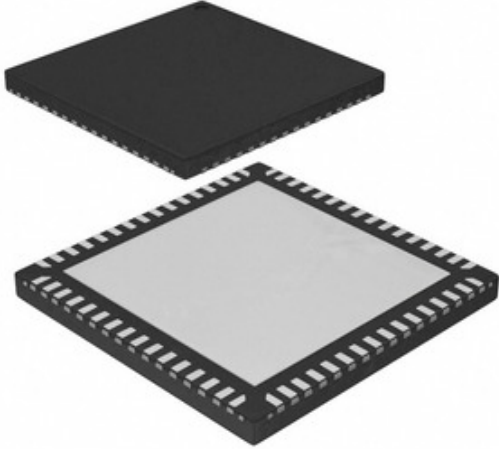


Image may be representation. See specifications for product details.

ATSAME51J18A-MU

Part Number:	ATSAME51J18A-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 64QFN
	1.ATSAME51J18A-MU.pdf
	2.ATSAME51J18A-MU.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

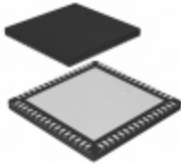
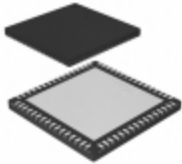
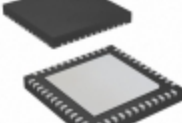
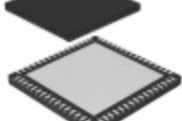
Specifications of ATSAME51J18A-MU

PART NUMBER	ATSAME51J18A-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATSAME51J18A-MU.pdf 2.ATSAME51J18A-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	64-VQFN (9x9)
SPEED	120MHz
SERIES	SAM E51
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, 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	19 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F SAM E51 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 64-VQFN (9x9)
DATA CONVERTERS	A/D 24x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SPI, UART/USART, USB

Related Tags

Micrel / Microchip Technology ATSAME51J18A-MU	ATSAME51J18A-MU Distributor	ATSAME51J18A-MU Supplier
ATSAME51J18A-MU Price	ATSAME51J18A-MU Pictures	ATSAME51J18A-MU Image
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Related Products

 ATSAME51J19A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: Out stock RFQ	 ATSAME51J18A-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: Out stock RFQ
 ATSAME51J18A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 576 pcs RFQ	 ATSAMD1J14B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: Out stock RFQ
 ATSAMD1J15B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: Out stock RFQ	 ATSAMD1G16B-MBT Manufacturers: Micrel / Microchip Technology Description: 48 QFN 5X5X0.9MM In stock: Out stock RFQ
 ATSAMD1J16B-ABT Manufacturers: Micrel / Microchip Technology Description: 64 TQFP 7X7X1.0MM In stock: Out stock RFQ	 ATSAME51J19A-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: Out stock RFQ
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