



ATSAMG51N18A-AU

Part Number:	ATSAMG51N18A-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 100LQFP
Datasheets:	 1.ATSAMG51N18A-AU.pdf
	 2.ATSAMG51N18A-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

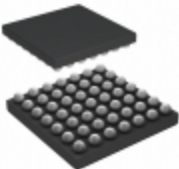
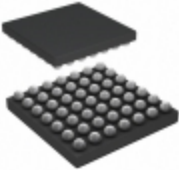
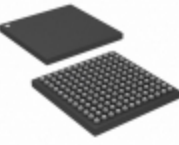
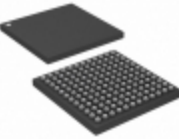
Specifications of ATSAMG51N18A-AU

PART NUMBER	ATSAMG51N18A-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.ATSAMG51N18A-AU.pdf  2.ATSAMG51N18A-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 2 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	SAM G51
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	1611-ATSAMG51N18A-AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	38
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	18 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM G51 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, SPI, UART/USART

Related Tags

Micrel / Microchip Technology ATSAMG51N18A-AU	ATSAMG51N18A-AU Distributor	ATSAMG51N18A-AU Supplier
ATSAMG51N18A-AU Price	ATSAMG51N18A-AU Pictures	ATSAMG51N18A-AU Image
ATSAMG51N18A-AU PDF Datasheet	ATSAMG51N18A-AU Download Datasheet	ATSAMG51N18A-AU Datasheet
ATSAMG51N18A-AU Stock	Buy ATSAMG51N18A-AU	Buy Micrel / Microchip Technology ATSAMG51N18A-AU
Micrel / Microchip Technology ATSAMG51N18A-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAMG51N18A-AU	Microchip Technology ATSAMG51N18A-AU	Roving Networks / Microchip Technology ATSAMG51N18A-AU

Related Products

 ATSAME70Q21B-CFN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144UFBGA In stock: 690 pcs RFQ	 ATSAMG51G18A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32Bit 256KB FLASH 49WLCSP In stock: Out stock RFQ
 ATSAMG53G19A-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock RFQ	 ATSAMG53G19B-UUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock RFQ
 ATSAMG53G19B-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: Out stock RFQ	 ATSAME70Q21B-CN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: 893 pcs RFQ
 ATSAMG53-XPRO Manufacturers: Micrel / Microchip Technology Description: SAMG53 XPLAINED PRO EVAL KIT In stock: Out stock RFQ	 ATSAME70Q21B-CFNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144UFBGA In stock: Out stock RFQ
 ATSAMG53G19A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 49WLCSP In stock: 491 pcs RFQ	 ATSAMG51G18A-UUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 49WLCSP In stock: Out stock RFQ
 ATSAME70Q21B-CNT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LFBGA In stock: Out stock RFQ	 ATSAMG53N19A-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ