



Microchip Technology



ATSAML21E18B-AUT

Part Number:	ATSAML21E18B-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 256KB FLASH 32TQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20600 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.

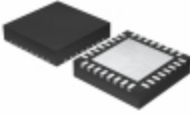
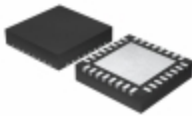
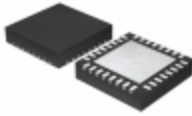
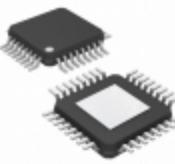
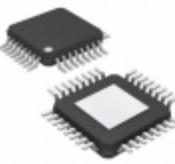
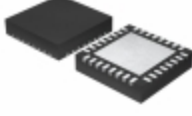
Specifications of ATSAML21E18B-AUT

PART NUMBER	ATSAML21E18B-AUT
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20600 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
SERIES	SAM L21E
REVERSE RECOVERY TIME (TRR)	48MHz
REQUIRES	DMA, POR, PWM, WDT
PROGRAM MEMORY TYPE	256KB (256K x 8)
PROGRAM MEMORY SIZE	I²C, LIN, SCI, SPI, UART/USART, USB
OTHER NAMES	1611-ATSAML21E18B-AUTDKR
OSCILLATOR TYPE	A/D 10x12b, D/A 2x12b
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
OPERATING SYSTEM	ARM® Cortex®-M0+
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER PART NUMBER	ATSAML21E18B-AUT
EXPANDED DESCRIPTION	ARM® Cortex®-M0+ SAM L21E Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32TQFP
DATA SRAM BYTES	-
DATA CONVERTERS	1.62 V ~ 3.63 V
CORE SIZE	32K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	32-Bit
CLOCK RATE	32

Related Tags

Micrel / Microchip Technology ATSAML21E18B-AUT	ATSAML21E18B-AUT Distributor	ATSAML21E18B-AUT Supplier
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Related Products

 ATSAML21E17B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 37310 pcs RFQ	 ATSAML21E18B-MNT Manufacturers: Micrel / Microchip Technology Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: 22766 pcs RFQ
 ATSAML21E17B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 40862 pcs RFQ	 ATSAML21E17B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32TQFP In stock: 33983 pcs RFQ
 ATSAML21E18B-MUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 23721 pcs RFQ	 ATSAML21E18B-MUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 22761 pcs RFQ
 ATSAML21G16B-ANT Manufacturers: Micrel / Microchip Technology Description: 48TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: 33434 pcs RFQ	 ATSAML21G16B-AUT Manufacturers: Microchip Technology Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 35205 pcs RFQ
 ATSAML21E18B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 32TQFP In stock: 24252 pcs RFQ	 ATSAML21E18B-AUT Manufacturers: Micrel / Microchip Technology Description: 32TQFP 85C, GREEN,1.6-3.6V,48MHZ In stock: 18409 pcs RFQ
 ATSAML21E17B-MNT Manufacturers: Micrel / Microchip Technology Description: 32QFN 85C, GREEN,1.6-3.6V,48MHZ In stock: 28722 pcs RFQ	 ATSAML21E17B-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 32TQFP In stock: 56343 pcs RFQ