


MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4C16CB-AU

Part Number:	ATSAM4C16CB-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	 ATSAM4C16CB-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17882 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of ATSAM4C16CB-AU

PART NUMBER	ATSAM4C16CB-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17882 pcs
DATA SHEET	 ATSAM4C16CB-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.62 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	120MHz
SERIES	SAM4C
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	1611-ATSAM4C16CB-AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	74
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 SAM4C Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, SPI, UART/USART

Related Tags

Micrel / Microchip Technology ATSAM4C16CB-AU	ATSAM4C16CB-AU Distributor	ATSAM4C16CB-AU Supplier
ATSAM4C16CB-AU Price	ATSAM4C16CB-AU Pictures	ATSAM4C16CB-AU Image
ATSAM4C16CB-AU PDF Datasheet	ATSAM4C16CB-AU Download Datasheet	ATSAM4C16CB-AU Datasheet
ATSAM4C16CB-AU Stock	Buy ATSAM4C16CB-AU	Buy Micrel / Microchip Technology ATSAM4C16CB-AU
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Related Products

 ATSAM4C32CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 11509 pcs RFQ	 ATSAM4C32CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 10687 pcs RFQ
 ATSAM4C32-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4C32 In stock: 321 pcs RFQ	 ATSAM4C16CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 5804 pcs RFQ
 ATSAM3X8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9237 pcs RFQ	 ATSAM3X8EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6963 pcs RFQ
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