



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATSAM4C16CA-AU

Part Number:	ATSAM4C16CA-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 100LQFP
Datasheets:	 1.ATSAM4C16CA-AU.pdf  2.ATSAM4C16CA-AU.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5804 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

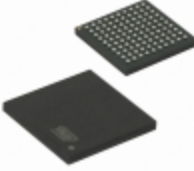
Specifications of ATSAM4C16CA-AU

PART NUMBER	ATSAM4C16CA-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5804 pcs
DATA SHEET	 1.ATSAM4C16CA-AU.pdf  2.ATSAM4C16CA-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
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
BASE PART NUMBER	ATSAM4C16

Related Tags

Micrel / Microchip Technology ATSAM4C16CA-AU	ATSAM4C16CA-AU Distributor	ATSAM4C16CA-AU Supplier
ATSAM4C16CA-AU Price	ATSAM4C16CA-AU Pictures	ATSAM4C16CA-AU Image
ATSAM4C16CA-AU PDF Datasheet	ATSAM4C16CA-AU Download Datasheet	ATSAM4C16CA-AU Datasheet
ATSAM4C16CA-AU Stock	Buy ATSAM4C16CA-AU	Buy Micrel / Microchip Technology ATSAM4C16CA-AU
Micrel / Microchip Technology ATSAM4C16CA-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATSAM4C16CA-AU	Microchip Technology ATSAM4C16CA-AU	Roving Networks / Microchip Technology ATSAM4C16CA-AU

Related Products

 ATSAM3X8EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9237 pcs RFQ	 ATSAM4C16CB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 17882 pcs RFQ
 ATSAM4C16CB-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 16711 pcs RFQ	 ATSAM4C16CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 4419 pcs RFQ
 ATSAM4C32-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4C32 In stock: 321 pcs RFQ	 ATSAM3X8EA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6963 pcs RFQ
 ATSAM4C16CB-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 7900 pcs RFQ	 ATSAM3X8CA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 10634 pcs RFQ
 ATSAM3X8CA-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 12171 pcs RFQ	 ATSAM4C-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR ATSAM4C In stock: 294 pcs RFQ
 ATSAM4C16CA-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 9058 pcs RFQ	 ATSAM3X4EA-CU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 10684 pcs RFQ