



Micrel / Microchip Technology



ATSAM4CP16B-AHU-Y

Part Number:	ATSAM4CP16B-AHU-Y
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 1MB FLASH 176LQFP
Datasheets:	 ATSAM4CP16B-AHU-Y.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5724 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of ATSAM4CP16B-AHU-Y

PART NUMBER	ATSAM4CP16B-AHU-Y
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 176LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5724 pcs
DATA SHEET	 ATSAM4CP16B-AHU-Y.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
SPEED	120MHz
SERIES	SAM4CP
RAM SIZE	152K 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	176-LQFP
OTHER NAMES	ATSAM4CP16B-AHU-YCT ATSAM4CP16B-AHU-YCT-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	69
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4/M4F SAM4CP Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 176-LQFP (24x24)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4/M4F
CONNECTIVITY	I²C, IrDA, SPI, UART/USART
BASE PART NUMBER	ATSAM4CP16

Related Tags

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Related Products

 ATSAM4CMS8CB-AUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 7507 pcs RFQ	 ATSAM4CMS8CA-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 6431 pcs RFQ
 ATSAM4CMS8CB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14543 pcs RFQ	 ATSAM4E16CA-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 13592 pcs RFQ
 ATSAM4CMS8CC-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 16055 pcs RFQ	 ATSAM4CP16B-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4CP16B In stock: 185 pcs RFQ
 ATSAM4CP16C-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4CP16C In stock: 177 pcs RFQ	 ATSAM4CMS8CB-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14042 pcs RFQ
 ATSAM4CMS8CC-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14926 pcs RFQ	 ATSAM4E-EK Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR SAM4E CORTEX In stock: 355 pcs RFQ
 ATSAM4E-XPRO Manufacturers: Micrel / Microchip Technology Description: SAM4E XPLAINED PRO EVAL KIT In stock: 960 pcs RFQ	 ATSAM4CP16C-AHU-Y Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 176LQFP In stock: 6505 pcs RFQ