



Micrel / Microchip Technology

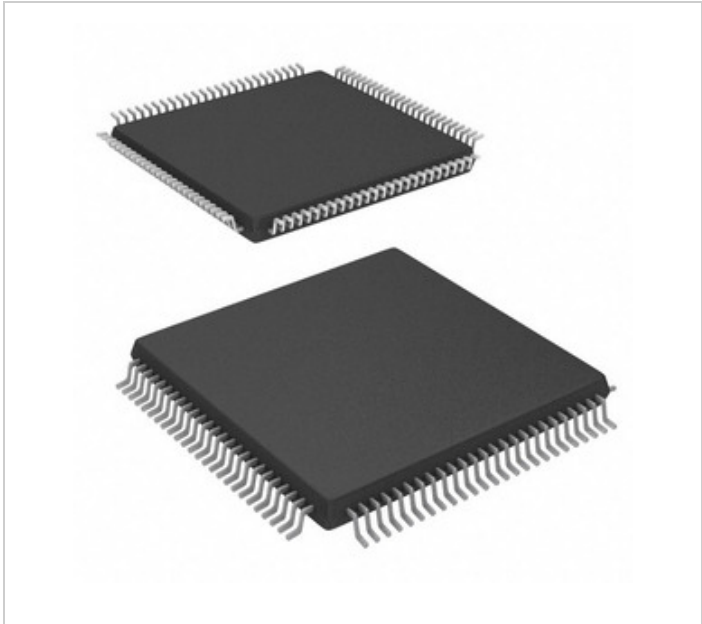


Image may be representation. See specifications for product details.

AT32UC3A1512-AUT

Part Number:	AT32UC3A1512-AUT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100TQFP
Datasheets:	 1.AT32UC3A1512-AUT.pdf
	 2.AT32UC3A1512-AUT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

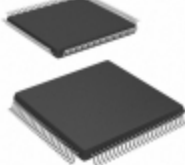
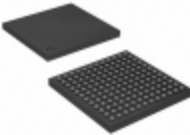
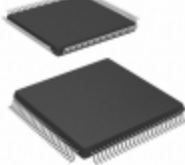
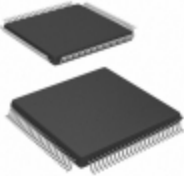
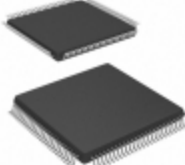
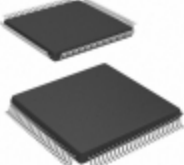
Specifications of AT32UC3A1512-AUT

PART NUMBER	AT32UC3A1512-AUT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.AT32UC3A1512-AUT.pdf  2.AT32UC3A1512-AUT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	66MHz
SERIES	AVR@32 UC3 A1
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OTHER NAMES	AT32UC3A1512AUT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	69
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	AVR AVR@32 UC3 A1 Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	32-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	Ethernet, I²C, SPI, SSC, UART/USART, USB OTG
BASE PART NUMBER	AT32UC3A1512

Related Tags

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Related Products

 AT32UC3A3-XPLD Manufacturers: Micrel / Microchip Technology Description: KIT DEV/EVAL FOR AT32UC3A3 In stock: 301 pcs RFQ	 AT32UC3A1512AU-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: Out stock RFQ
 AT32UC3A1256-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100TQFP In stock: Out stock RFQ	 AT32UC3A3128-CTUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: Out stock RFQ
 AT32UC3A1256AU-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100TQFP In stock: 653 pcs RFQ	 AT32UC3A3128-ALUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 42 pcs RFQ
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 AT32UC3A3128-ALUR Manufacturers: Microchip Technology Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 45 pcs RFQ	 AT32UC3A1128-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: Out stock RFQ
 AT32UC3A1256-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 256KB FLASH 100TQFP In stock: Out stock RFQ	 AT32UC3A1128-AUT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 128KB FLASH 100TQFP In stock: 315 pcs RFQ