



Micrel / Microchip Technology

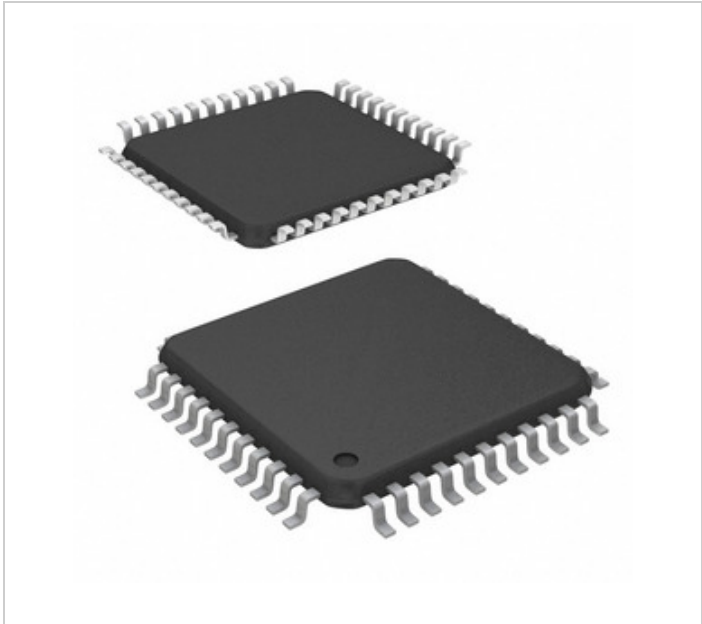


Image may be representation. See specifications for product details.

ATMEGA32U4-AU

Part Number:	ATMEGA32U4-AU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 32KB FLASH 44TQFP
	PDF 1.ATMEGA32U4-AU.pdf
	PDF 2.ATMEGA32U4-AU.pdf
	PDF 3.ATMEGA32U4-AU.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

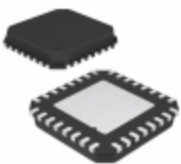
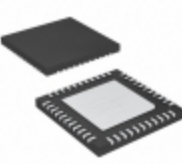
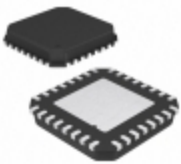
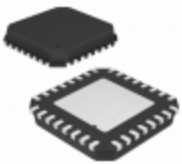
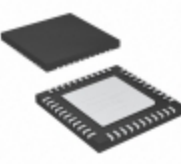
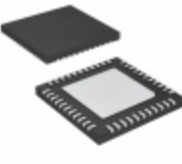
Specifications of ATMEGA32U4-AU

PART NUMBER	ATMEGA32U4-AU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.ATMEGA32U4-AU.pdf PDF 2.ATMEGA32U4-AU.pdf PDF 3.ATMEGA32U4-AU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	16MHz
SERIES	AVR® ATmega
RAM SIZE	2.5K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	44-TQFP
OTHER NAMES	ATMEGA32U4-16AU ATMEGA32U4-16AU-ND ATMEGA32U4AU
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I²C, SPI, UART/USART, USB
BASE PART NUMBER	ATMEGA32

Related Tags

Micrel / Microchip Technology ATMEGA32U4-AU	ATMEGA32U4-AU Distributor	ATMEGA32U4-AU Supplier
ATMEGA32U4-AU Price	ATMEGA32U4-AU Pictures	ATMEGA32U4-AU Image
ATMEGA32U4-AU PDF Datasheet	ATMEGA32U4-AU Download Datasheet	ATMEGA32U4-AU Datasheet
ATMEGA32U4-AU Stock	Buy ATMEGA32U4-AU	Buy Micrel / Microchip Technology ATMEGA32U4-AU
Micrel / Microchip Technology ATMEGA32U4-AU	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology ATMEGA32U4-AU	Microchip Technology ATMEGA32U4-AU	Roving Networks / Microchip Technology ATMEGA32U4-AU

Related Products

 ATMEGA32U2-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock RFQ	 ATMEGA32U4-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN In stock: Out stock RFQ
 ATMEGA32M1-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock RFQ	 ATMEGA32U2-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock RFQ
 ATMEGA32U4-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44QFN In stock: Out stock RFQ	 ATMEGA32U4RC-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP In stock: Out stock RFQ
 ATMEGA32U4RC-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44TQFP In stock: Out stock RFQ	 ATMEGA32U2-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock RFQ
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