

ATMEGA164A-CU



Part Number: [ATMEGA164A-CU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 49VFBGA

Data sheet:  [ATMEGA164,324,644,1284\(A,PA,P\) Summary](#)
 [ATMEGA164,324,644,1284\(A,P,PA\) Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

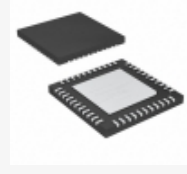
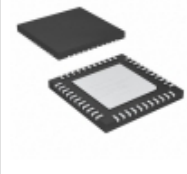
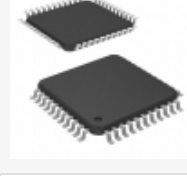
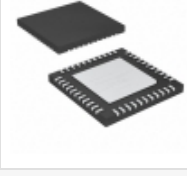
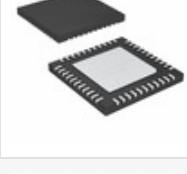
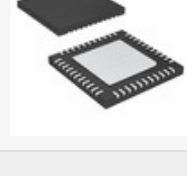
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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA164A-CU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 49VFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29902 pcs	Data sheet	ATMEGA164,324,644,1284(A,PA,P) Summary ATMEGA164,324,644,1284(A,P,PA) Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	49-VFBGA (5x5)	Speed	20MHz
Series	AVR® ATmega	RAM Size	1K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	49-VFBGA	Other Names	ATMEGA164ACU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	512 x 8
Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 16KB (8K x 16) FLASH 49-VFBGA (5x5)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	AVR
Connectivity	PC, SPI, UART/USART	Base Part Number	ATMEGA164
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	Part#: ATMEGA163-8AI Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA164P-15AT Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for ATMEGA164A-CU			
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