

ATMEGA324A-PU



Part Number: [ATMEGA324A-PU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 40DIP

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

RoHs Status: Lead free / RoHS Compliant

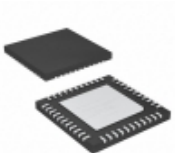
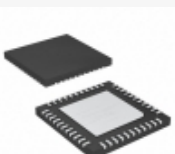
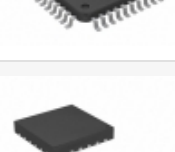
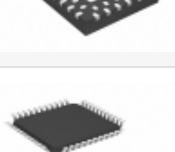
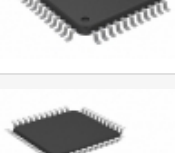
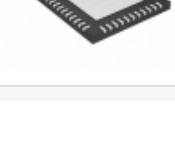
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PRODUCT PARAMETER			
Part Number	ATMEGA324A-PU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31339 pcs	Data sheet	ATMEGA164,324,644,1284(A,PA,P) 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	40-PDIP	Speed	20MHz
Series	AVR® ATmega	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	40-DIP (0.600", 15.24mm)	Other Names	ATMEGA324APU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	Not Applicable
Manufacturer Standard Lead Time	4 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 40-PDIP
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA324		
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