

ATMEGA32A-MN



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Part Number: [ATMEGA32A-MN](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44VQFN

Data sheet:  [ATmega32A Summary](#)
 [ATmega32A Complete](#)

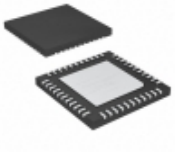
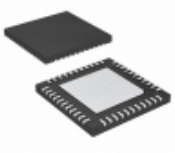
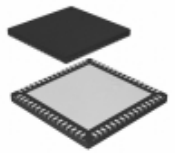
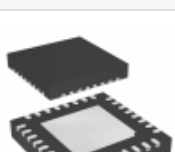
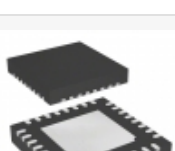
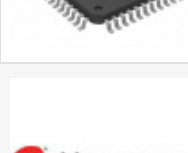
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATMEGA32A-MN	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36555 pcs	Data sheet	ATmega32A Summary ATmega32A Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-VQFN (7x7)	Speed	16MHz
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	Tray
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA32AMN
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	32	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-VQFN (7x7)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	PC, SPI, UART/USART
Base Part Number	ATMEGA32		
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