

ATMEGA32M1-AU



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Part Number: [ATMEGA32M1-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 32TQFP

Data sheet:  [ATmega16,32,64M1 Summary](#)
 [ATmega16,32,64M1 Datasheet Complete](#)

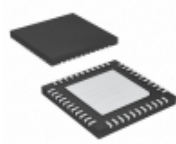
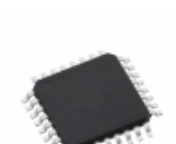
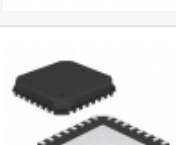
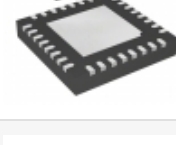
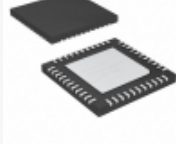
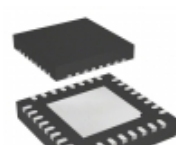
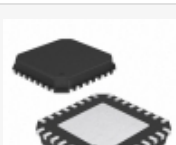
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	ATMEGA32M1-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26361 pcs	Data sheet	ATmega16,32,64M1 Summary ATmega16,32,64M1 Datasheet Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-TQFP (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, Temp Sensor, WDT	Packaging	Tray
Package / Case	32-TQFP	Other Names	ATMEGA32M1AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
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 32-TQFP (7x7)	Data Converters	A/D 11x10b; D/A 1x10b
Core Size	8-Bit	Core Processor	AVR
Connectivity	CANbus, LINbus, SPI, UART/USART	Base Part Number	ATMEGA32
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