

ATMEGA32C1-15AZ



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Part Number: [ATMEGA32C1-15AZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 32TQFP

Data sheet:  [ATmega16,32,64\(C1,M1\) Auto Datasheet](#)
 [ATmega16,32,64\(C1,M1\) Auto Summary](#)
 [ATmega16,32,64\(C1,M1\) Appendix A](#)

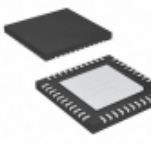
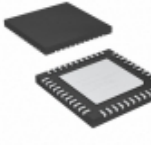
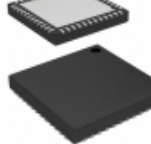
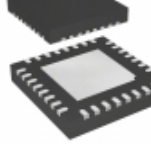
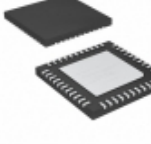
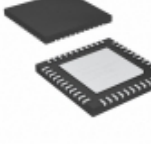
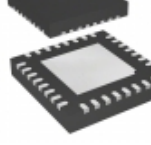
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATMEGA32C1-15AZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5603 pcs	Data sheet	ATmega16,32,64(C1,M1) Auto Datasheet ATmega16,32,64(C1,M1) Auto Summary ATmega16,32,64(C1,M1) Appendix A
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	32-TQFP (7x7)	Speed	16MHz
Series	Automotive, AEC-Q100, 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	Tape & Reel (TR)
Package / Case	32-TQFP	Other Names	ATMEGA32C1-15AZ-ND ATMEGA32C1-15AZTR ATMEGA32C115AZ
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	AVR Automotive, AEC-Q100, 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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