

ATMEGA64M1-AU



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Part Number: [ATMEGA64M1-AU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 32TQFP

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

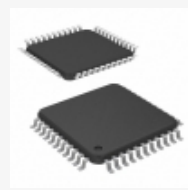
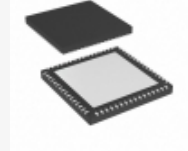
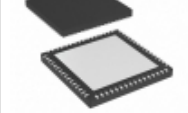
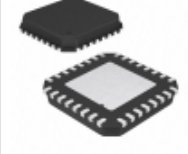
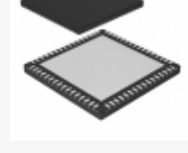
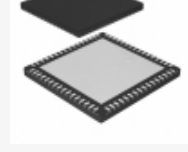
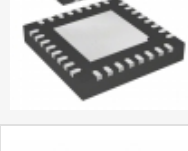
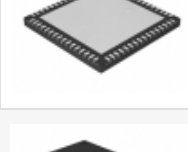
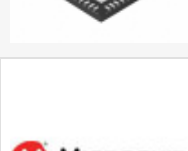
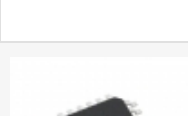
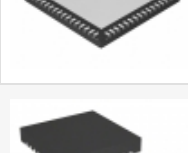
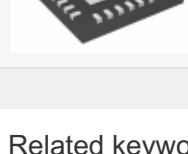
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	ATMEGA64M1-AU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 32TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24066 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	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	32-TQFP	Other Names	ATMEGA64M1AU
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	4 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	2K x 8
Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 64KB (32K 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	ATMEGA64
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	Part#: ATMEGA64M1-15AD Description: IC MCU 8BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RFR2-ZUR Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RFR2-ZU Description: IC RF TXRX+MCU 802.15.4 64-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RFR2-ZFR Description: IC RF TXRX+MCU 802.15.4 48-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64M1-MU Description: IC MCU 8BIT 64KB FLASH 32VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64L-8MUR Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RZAV-10AU Description: IC RF TXRX+MCU 802.15.4 44-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64L-8MQ Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RZAPV-10MU Description: IC RF TXRX+MCU 802.15.4 44-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64M1-15MZ Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA64RZAV-10MU Description: IC RF TXRX+MCU 802.15.4 44-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64L-8MJ Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64RZAV-10PU Description: IC RF TXRX+MCU 802.15.4 40-DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64M1-15AZ Description: IC MCU 8BIT 64KB FLASH 32TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64L-8MI Description: IC MCU 8BIT 64KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA64M1-15MD Description: IC MCU 8BIT 64KB FLASH 32QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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