

ATMEGA644PV-10MU





Part Number: [ATMEGA644PV-10MU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 44VQFN

Data sheet:  [ATmega644P/V Complete](#)

RoHs Status: Lead free / RoHS Compliant

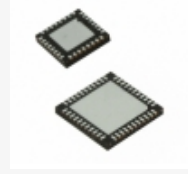
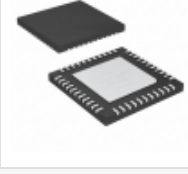
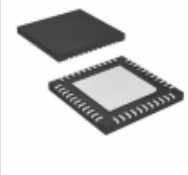
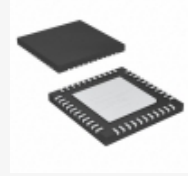
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PRODUCT PARAMETER			
Part Number	ATMEGA644PV-10MU	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 44VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19948 pcs	Data sheet	ATmega644P/V Complete
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	44-VQFN (7x7)	Speed	10MHz
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, WDT	Packaging	Tray
Package / Case	44-VFQFN Exposed Pad	Other Names	ATMEGA644PV10MU Q3423944
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°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	2K x 8	Detailed Description	AVR AVR® ATmega Microcontroller IC 8-Bit 10MHz 64KB (32K x 16) FLASH 44-VQFN (7x7)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	AVR	Connectivity	I²C, SPI, UART/USART
Base Part Number	ATMEGA644		
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	Part#: ATMEGA644PR212-MU Description: IC RF TXRX+MCU 802.15.4/ISM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA644V-10AUR Description: IC MCU 8BIT 64KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA644PV-10PU Description: IC MCU 8BIT 64KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA644RFR2-ZF Description: IC RF TXRX+MCU 802.15.4 48-VFQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: ATMEGA644PV-10MQR Description: IC MCU 8BIT 64KB FLASH 44VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA644PV-10AQR Description: IC MCU 8BIT 64KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: ATMEGA644PR212-AU Description: IC RF TXRX+MCU 802.15.4 44-TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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