

ATMEGA644P-15AT1



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Part Number: [ATMEGA644P-15AT1](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 64KB FLASH 44TQFP

Data sheet:  [ATMEGA164P,324P,644P Auto Summary](#)

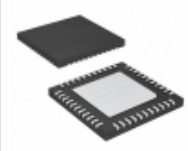
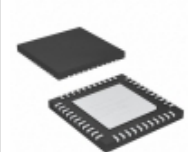
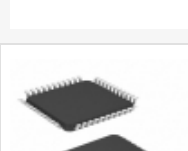
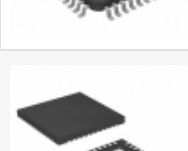
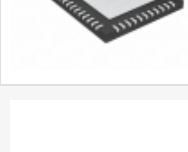
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	ATMEGA644P-15AT1	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 64KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5086 pcs	Data sheet	ATMEGA164P,324P,644P Auto Summary
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	16MHz
Series	Automotive, AEC-Q100, 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	Tape & Reel (TR)
Package / Case	44-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	32
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	2K x 8	Detailed Description	AVR Automotive, AEC-Q100, AVR® ATmega Microcontroller IC 8-Bit 16MHz 64KB (32K x 16) FLASH 44-TQFP (10x10)
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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