



Micrel / Microchip Technology



ATMEGA644P-A15MZ

Part Number:	ATMEGA644P-A15MZ
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 64KB FLASH 44VQFN
Datasheets:	 ATMEGA644P-A15MZ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14533 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of ATMEGA644P-A15MZ

PART NUMBER	ATMEGA644P-A15MZ
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 64KB FLASH 44VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14533 pcs
DATA SHEET	 ATMEGA644P-A15MZ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-VQFN (7x7)
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	Cut Tape (CT)
PACKAGE / CASE	44-VFQFN Exposed Pad
OTHER NAMES	ATMEGA644P-A15MZCT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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-VQFN (7x7)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	ATMEGA644

Related Tags

Micrel / Microchip Technology ATMEGA644P-A15MZ	ATMEGA644P-A15MZ Distributor	ATMEGA644P-A15MZ Supplier
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