




Micrel / Microchip Technology

ATMEGA32HVB-8X3

Part Number:	ATMEGA32HVB-8X3
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 32KB FLASH 44TSSOP
Datasheets:	1.ATMEGA32HVB-8X3.pdf 2.ATMEGA32HVB-8X3.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.





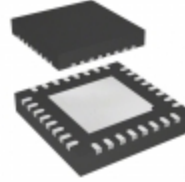

Specifications of ATMEGA32HVB-8X3

PART NUMBER	ATMEGA32HVB-8X3
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 44TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATMEGA32HVB-8X3.pdf 2.ATMEGA32HVB-8X3.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4 V ~ 25 V
SUPPLIER DEVICE PACKAGE	44-TSSOP
SPEED	8MHz
SERIES	AVR® ATmega
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	POR, WDT
PACKAGING	Tube
PACKAGE / CASE	44-TFSOP (0.173", 4.40mm Width)
OTHER NAMES	ATMEGA32HVB8X3
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 32KB (16K x 16) FLASH 44-TSSOP
DATA CONVERTERS	A/D 7x12b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I ² C, SPI
BASE PART NUMBER	ATMEGA32

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