




Micrel / Microchip Technology

ATMEGA328P-MN

Part Number:	ATMEGA328P-MN
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 32KB FLASH 32VQFN
Datasheets:	1.ATMEGA328P-MN.pdf 2.ATMEGA328P-MN.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.


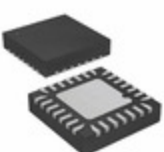
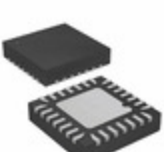


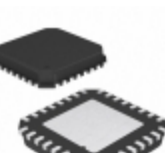
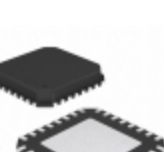
Specifications of ATMEGA328P-MN

PART NUMBER	ATMEGA328P-MN
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATMEGA328P-MN.pdf 2.ATMEGA328P-MN.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-VQFN (5x5)
SPEED	20MHz
SERIES	AVR® ATmega
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	ATMEGA328PMN
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	23
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 32-VQFN (5x5)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I ² C, SPI, UART/USART
BASE PART NUMBER	ATMEGA328

Related Tags

Micrel / Microchip Technology ATMEGA328P-MN	ATMEGA328P-MN Distributor	ATMEGA328P-MN Supplier
ATMEGA328P-MN Price	ATMEGA328P-MN Pictures	ATMEGA328P-MN Image
ATMEGA328P-MN PDF Datasheet	ATMEGA328P-MN Download Datasheet	ATMEGA328P-MN Datasheet
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Related Products

 <p>ATMEGA328P-AN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-MMH Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 28VQFN In stock: Out stock</p> <p>RFQ</p>
 <p>ATMEGA328P-ANR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-MMHR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 28VQFN In stock: Out stock</p> <p>RFQ</p>
 <p>ATMEGA328P-AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-PU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 28DIP In stock: Out stock</p> <p>RFQ</p>
 <p>ATMEGA328P-MNR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-XMINI Manufacturers: Micrel / Microchip Technology Description: EVAL BOARD 8BIT MCU ATMEGA328P In stock: 104 pcs</p> <p>RFQ</p>
 <p>ATMEGA328P-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-PN Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 28DIP In stock: 730 pcs</p> <p>RFQ</p>
 <p>ATMEGA328P-MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock</p> <p>RFQ</p>	 <p>ATMEGA328P-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock</p> <p>RFQ</p>