

ATMEGA328-PU

ATMEGA328-PU Information

WWW. he is an	 ATMEGA328-PU Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 32KB FLASH 28DIP 28-DIP (0.300", 7.62mm) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote



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ATMEGA328-PU Specifications

Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers 28-DIP (0.300", 7.62mm) Package 28-DIP (0.300", 7.62mm) Series AVR? ATmega Core Processor AVR Core Size 8-Bit Speed 20MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size IK x 8 EEPROM Size IK x 8 RAM Size ZK x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-DIP		
Category Integrated Circuits (ICs) Embedded - Microontrollers Package 28-DIP (0.300", 7.62mm) Series AVR? ATmega Core Processor AVR Core Size 8-Bit Speed 20MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 32KB (16K x 16) EEPROM Size IK x 8 RAM Size SK x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 6x10b Operating Temperature -40°C ~ 85°C (TA) Operating Temperature 5.5 V Mounting Type - Package / Case 28-DIP (0.300", 7.62mm)	Manufacturer Part Number	ATMEGA328-PU
Embedded - MicrocontrollersPackage28-DIP (0.300", 7.62mm)SeriesAVR? ATmegaCore FrocessorAVRCore Size8-BitSpeed20MHzConnectivityEC, SPI, UART/USARTPeripheralsBrownout Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory SizeSLK 16(K x 16)Program Memory TypeFLASHEEPROM SizeXK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOperating Temperature-40°C ~ 85°C (TA)Phyler Device PackageSEDIP (0.300", 7.62mm)Supplier Device PackageSeDIP (0.300", 7.62mm)	Manufacturer	Microchip Technology
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SeriesAVR? ATmegaCore ProcessorAVRCore Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOperating Temperature-40°C ~ 85°C (TA)Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP		Embedded - Microcontrollers
Core ProcessorAVRCore Size8-BitSpeed20MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package8-PDIP	Package	28-DIP (0.300", 7.62mm)
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ConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOperating Temperature-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-DIP	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Speed	20MHz
Number of I/O23Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator Type-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Connectivity	I2C, SPI, UART/USART
Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package38-PDIP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size1K x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Number of I/O	23
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Data ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	RAM Size	2K x 8
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Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Data Converters	A/D 6x10b
Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Oscillator Type	Internal
Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-PDIP	Mounting Type	-
	Package / Case	28-DIP (0.300", 7.62mm)
	Supplier Device Package	28-PDIP
Report errors?		Report errors?

ATMEGA328-PU Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

ATMEGA328-PU Payment Methods



ATMEGA328-PU Shipping Methods



If you have any question about ATMEGA328-PU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com