



ATMEGA8L-8PJ Information



For Reference Only

Part Number ATMEGA8L-8PJ

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 8KB FLASH 28DIP

Package 28-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ATMEGA8L-8PJ Specifications

Manufacturer Part Number ATMEGA8L-8PJ Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-DIP (0.300", 7.62mm) Series AVR? ATmega Core Processor AVR Core Size 8-Bit Speed 8MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-DIP (0.300", 7.62mm)	•	
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Package 28-DIP (0.300", 7.62mm) Series AVR? ATmega Core Processor AVR Core Size 8-Bit Speed 8MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Category	Integrated Circuits (ICs)
SeriesAVR? ATmegaCore ProcessorAVRCore Size8-BitSpeed8MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O23Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size 512×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \times 5.5 \times 6$ Data ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature -40° C $\sim 85^{\circ}$ C (TA)Mounting Type-		Embedded - Microcontrollers
Core Processor Core Size 8-Bit Speed 8MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Package	28-DIP (0.300", 7.62mm)
Core Size 8-Bit Speed 8MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Series	AVR? ATmega
Speed 8MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Core Processor	AVR
Connectivity Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature Mounting Type -	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 23 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Speed	8MHz
Number of I/O23Program Memory Size $8KB (4K \times 16)$ Program Memory Type $FLASH$ EEPROM Size 512×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \times 5.5 \times 10$ Data Converters $A/D \times 10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}C \sim 85^{\circ}C (TA)$ Mounting Type-	Connectivity	I2C, SPI, UART/USART
Program Memory Size $8KB (4K \times 16)$ Program Memory Type $FLASH$ EEPROM Size 512×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 6x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA)$ Mounting Type-	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size 512×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \times 5.5 \times 8$ Data Converters $A/D \times 6 \times 10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-	Number of I/O	23
EEPROM Size 512×8 RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 6x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	Program Memory Size	8KB (4K x 16)
RAM Size $ 1K \times 8 $ $ Voltage - Supply (Vcc/Vdd) \qquad 2.7 \text{ V} \sim 5.5 \text{ V} $ $ Data Converters \qquad A/D 6x10b $ $ Oscillator Type \qquad Internal $ $ Operating Temperature \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)} $ $ Mounting Type \qquad -$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	EEPROM Size	512 x 8
Data Converters $A/D 6x10b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type -	RAM Size	1K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Data Converters	A/D 6x10b
Mounting Type -	Oscillator Type	Internal
	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 28-DIP (0.300", 7.62mm)	Mounting Type	-
	Package / Case	28-DIP (0.300", 7.62mm)
Supplier Device Package 28-PDIP	Supplier Device Package	28-PDIP
Report errors		Report errors?

ATMEGA8L-8PJ 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.

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ATMEGA8L-8PJ Shipping Methods













If you have any question about ATMEGA8L-8PJ, please do not hesitate to contact us!

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