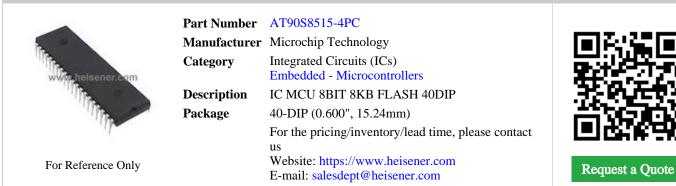


AT90S8515-4PC

AT90S8515-4PC Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



AT90S8515-4PC Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage40-DIP (0.600", 15.24mm)SeriesAVR? 90SCore ProcessorAVRCore Size8-BitSpeed4MHzConnectivitySPI, UART/USARTNumber of I/O32Program Memory SizeNEB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Nutate - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-DIP (0.600", 15.24mm)	_	
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage40-DIP (0.600", 15.24mm)SeriesAVR? 90SCore ProcessorAVRCore Size8-BitSpeed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Nutage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-PDIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Manufacturer Part Number	AT90S8515-4PC
Enbedded - MicrocontrollersPackage40-DIP (0.600°, 15.24mm)SeriesAVR? 90SCore ProcessorAVRCore Size8-BitSpeed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory SizeSKB (4K x 16)EEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-PDIPSupplier Device Package40-PDIP	Manufacturer	Microchip Technology
Package40-DIP (0.600", 15.24mm)SeriesAVR? 90SCore ProcessorAVRCore Size8-BitSpeed4MHzConcetivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory SizeSKB (4K x 16)PERPOM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData ConvertersInternalOperating Temperature0°C ~ 70°CMounting Type6-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Category	Integrated Circuits (ICs)
SeriesAVR? 90SCore ProcessorAVRCore Size8-BitSpeed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600°, 15.24mm)Supplier Device Package40-PDIP		Embedded - Microcontrollers
Core ProcessorAVRCore Size8-BitSpeed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600°, 15.24mm)Supplier Device Package40-PDIP	Package	40-DIP (0.600", 15.24mm)
Core Size8-BitSpeed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Series	AVR? 90S
Speed4MHzConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters.Operating Temperature0°C ~ 70°CMounting Type.Package / Case40-PDIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Core Processor	AVR
ConnectivitySPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData ConvertersInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Operating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Speed	4MHz
Number of I/O32Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Connectivity	SPI, UART/USART
Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Number of I/O	32
EEPROM Size512 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Program Memory Size	8KB (4K x 16)
RAM Size512 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.7 V ~ 6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	EEPROM Size	512 x 8
Data Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 6 V
Operating Temperature0°C ~ 70°CMounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Data Converters	-
Mounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Oscillator Type	Internal
Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Supplier Device Package 40-PDIP	Mounting Type	-
	Package / Case	40-DIP (0.600", 15.24mm)
Report errors?	Supplier Device Package	40-PDIP
		Report errors?

AT90S8515-4PC 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.

AT90S8515-4PC Payment Methods





If you have any question about AT90S8515-4PC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com