

**AT90S4414-8AI Information**


For Reference Only

**Part Number** [AT90S4414-8AI](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 4KB FLASH 44TQFP  
**Package** 44-TQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**AT90S4414-8AI Specifications**

Manufacturer Part Number	<a href="#">AT90S4414-8AI</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	44-TQFP
Series	AVR? 90S
Core Processor	AVR
Core Size	8-Bit
Speed	8MHz
Connectivity	SPI, UART/USART
Peripherals	PWM, WDT
Number of I/O	32
Program Memory Size	4KB (2K x 16)
Program Memory Type	FLASH
EEPROM Size	256 x 8
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	4 V ~ 6 V
Data Converters	-
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C
Mounting Type	-
Package / Case	44-TQFP
Supplier Device Package	44-TQFP (10x10)

[Report errors?](#)

## AT90S4414-8AI 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.

## AT90S4414-8AI Payment Methods



## AT90S4414-8AI Shipping Methods



If you have any question about AT90S4414-8AI, please do not hesitate to contact us!

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