

**ATMEGA1608-XF Information**


For Reference Only

**Part Number** [ATMEGA1608-XF](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 20MHZ 16KB SSOP28 IND 125C GREEN  
**Package** 28-SSOP (0.209", 5.30mm Width)  
 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.


**ATMEGA1608-XF Specifications**

Manufacturer Part Number	<a href="#">ATMEGA1608-XF</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	28-SSOP (0.209", 5.30mm Width)
Series	megaAVR® 0
Core Processor	AVR
Core Size	8-Bit
Speed	20MHz
Connectivity	I <sup>2</sup> C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, WDT
Number of I/O	27
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	256 x 8
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V
Data Converters	A/D 12x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	28-SSOP (0.209", 5.30mm Width)
Supplier Device Package	28-SSOP

[Report errors?](#)

## ATMEGA1608-XF 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.

## ATMEGA1608-XF Payment Methods



## ATMEGA1608-XF Shipping Methods



If you have any question about ATMEGA1608-XF, please do not hesitate to contact us!

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