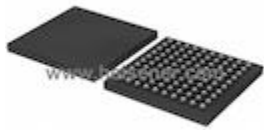


**ATMEGA640-16CUR Information**


For Reference Only

**Part Number** [ATMEGA640-16CUR](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 64KB FLASH 100CBGA  
**Package** 100-TFBGA  
 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.


**ATMEGA640-16CUR Specifications**

Manufacturer Part Number	<a href="#">ATMEGA640-16CUR</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	100-TFBGA
Series	AVR? ATmega
Core Processor	AVR
Core Size	8-Bit
Speed	16MHz
Connectivity	EBI/EMI, I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	86
Program Memory Size	64KB (32K x 16)
Program Memory Type	FLASH
EEPROM Size	4K x 8
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 16x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-TFBGA
Supplier Device Package	100-CBGA (9x9)

[Report errors?](#)

## ATMEGA640-16CUR 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.

## ATMEGA640-16CUR Payment Methods



## ATMEGA640-16CUR Shipping Methods



If you have any question about ATMEGA640-16CUR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)