

**PIC16F18324-E/STVAO Information**


For Reference Only

**Part Number** [PIC16F18324-E/STVAO](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 7KB 512B RAM 256B EEPROM 10B ADC  
**Package** 14-TSSOP (0.173", 4.40mm 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.


**PIC16F18324-E/STVAO Specifications**

Manufacturer Part Number	<a href="#">PIC16F18324-E/STVAO</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	14-TSSOP (0.173", 4.40mm Width)
Series	Automotive, AEC-Q100, PIC® XLP™ 16F
Core Processor	PIC
Core Size	8-Bit
Speed	32MHz
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	12
Program Memory Size	7KB (4K x 14)
Program Memory Type	FLASH
EEPROM Size	256 x 8
RAM Size	512 x 8
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V
Data Converters	A/D 11x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	14-TSSOP (0.173", 4.40mm Width)
Supplier Device Package	14-TSSOP

[Report errors?](#)

## PIC16F18324-E/STVAO 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.

## PIC16F18324-E/STVAO Payment Methods



## PIC16F18324-E/STVAO Shipping Methods



If you have any question about PIC16F18324-E/STVAO, please do not hesitate to contact us!

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

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