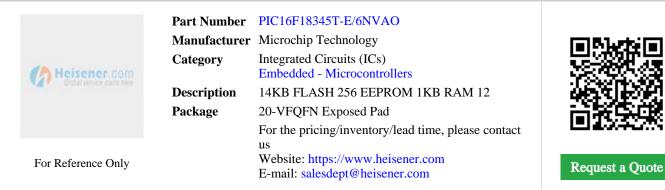


### PIC16F18345T-E/6NVAO Information



## **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.



# PIC16F18345T-E/6NVAO Specifications

Manufacturer Part Number	PIC16F18345T-E/6NVAO
Manufacturer M	Microchip Technology
Category I	Integrated Circuits (ICs)
I	Embedded - Microcontrollers
Package	20-VFQFN Exposed Pad
Series	Automotive, AEC-Q100, PIC® XLP <sup>TM</sup> 16F
Core Processor I	PIC
Core Size 8	8-Bit
Speed	32MHz
Connectivity I	I <sup>2</sup> C, LINbus, SPI, UART/USART
Peripherals I	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	18
Program Memory Size	14KB (8K x 14)
Program Memory Type H	FLASH
EEPROM Size	256 x 8
RAM Size	1K x 8
Voltage - Supply (Vcc/Vdd)	2.3V ~ 5.5V
Data Converters	A/D 17x10b; D/A 1x5b
Oscillator Type I	Internal
Operating Temperature -	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)
Mounting Type S	Surface Mount
Package / Case 2	20-VFQFN Exposed Pad
Supplier Device Package	20-VQFN (4x4)
	Report errors?

### PIC16F18345T-E/6NVAO 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.

#### PIC16F18345T-E/6NVAO Payment Methods



If you have any question about PIC16F18345T-E/6NVAO, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com