

**PIC18F25K42-E/SSVAO Information**


For Reference Only

**Part Number** [PIC18F25K42-E/SSVAO](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 32KB 1KB RAM 256B EE ADC2 5B DAC  
**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.


**PIC18F25K42-E/SSVAO Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">PIC18F25K42-E/SSVAO</a>                                      |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 28-SSOP (0.209", 5.30mm Width)   |
| Series                     | Automotive, AEC-Q100, PIC® 18K   |
| Core Processor             | PIC  |
| Core Size                  | 8-Bit  |
| Speed                      | 64MHz  |
| Connectivity               | I <sup>2</sup> C, LINbus, SPI, UART/USART                                |
| Peripherals                | Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT                         |
| Number of I/O              | 25   |
| Program Memory Size        | 32KB (16K x 16)  |
| Program Memory Type        | FLASH  |
| EEPROM Size                | 256 x 8  |
| RAM Size                   | 2K x 8   |
| Voltage - Supply (Vcc/Vdd) | 2.3V ~ 5.5V  |
| Data Converters            | A/D 24x12b; D/A 1x5b   |
| 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  |

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## PIC18F25K42-E/SSVAO 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.

## PIC18F25K42-E/SSVAO Payment Methods



## PIC18F25K42-E/SSVAO Shipping Methods



If you have any question about PIC18F25K42-E/SSVAO, please do not hesitate to contact us!

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