

**47C16-E/SN16KVAO Information**


For Reference Only

**Part Number** [47C16-E/SN16KVAO](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Memory](#)  
**Description** 16K 5.0V EERAM 125C AUTO  
**Package** 8-SOIC (0.154", 3.90mm 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.


**47C16-E/SN16KVAO Specifications**

|                               |   |
|-------------------------------|---|
| Manufacturer Part Number      | <a href="#">47C16-E/SN16KVAO</a>                    |
| Manufacturer                  | Microchip Technology                                |
| Category                      | Integrated Circuits (ICs)<br><a href="#">Memory</a> |
| Package                       | 8-SOIC (0.154", 3.90mm Width)                       |
| Series                        | Automotive, AEC-Q100                                |
| Memory Type                   | Non-Volatile  |
| Memory Format                 | EERAM   |
| Technology                    | EEPROM, SRAM  |
| Memory Size                   | 16Kb (2K x 8)                                       |
| Memory Interface              | I <sup>2</sup> C                                    |
| Clock Frequency               | 1MHz  |
| Write Cycle Time - Word, Page | 1ms   |
| Access Time                   | -   |
| Voltage - Supply              | 4.5V ~ 5.5V   |
| Operating Temperature         | -40°C ~ 125°C (TA)                                  |
| Mounting Type                 | Surface Mount                                       |
| Package / Case                | 8-SOIC (0.154", 3.90mm Width)                       |
| Supplier Device Package       | 8-SOIC  |

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## 47C16-E/SN16KVAO 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.

## 47C16-E/SN16KVAO Payment Methods



## 47C16-E/SN16KVAO Shipping Methods



If you have any question about 47C16-E/SN16KVAO, please do not hesitate to contact us!

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

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