

**EMC1428-1-AP-TR Information**


For Reference Only

**Part Number** [EMC1428-1-AP-TR](#)  
**Manufacturer** Microchip Technology  
**Category** Sensors, Transducers  
[Temperature Sensors, Transducers](#)  
**Description** SENSOR TEMPERATURE SMBUS 16QFN  
**Package** 16-VQFN Exposed Pad  
 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.


**EMC1428-1-AP-TR Specifications**

|                              |  |
|------------------------------|--|
| Manufacturer Part Number     | <a href="#">EMC1428-1-AP-TR</a>  |
| Manufacturer                 | Microchip Technology   |
| Category                     | Sensors, Transducers<br><a href="#">Temperature Sensors, Transducers</a> |
| Package                      | 16-VQFN Exposed Pad  |
| Series                       | -  |
| Sensor Type                  | Digital, Local/Remote  |
| Sensing Temperature - Local  | -40°C ~ 125°C  |
| Sensing Temperature - Remote | -40°C ~ 125°C  |
| Output Type                  | SMBus  |
| Voltage - Supply             | 3 V ~ 3.6 V  |
| Resolution                   | 11 b   |
| Features                     | Output Switch, Programmable Limit  |
| Accuracy - Highest (Lowest)  | ±1°C (±2°C)  |
| Test Condition               | 0°C ~ 100°C (-40°C ~ 125°C)  |
| Operating Temperature        | -40°C ~ 125°C  |
| Mounting Type                | Surface Mount  |
| Package / Case               | 16-VQFN Exposed Pad  |
| Supplier Device Package      | 16-QFN (4x4)   |

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## EMC1428-1-AP-TR 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.

## EMC1428-1-AP-TR Payment Methods



## EMC1428-1-AP-TR Shipping Methods



If you have any question about EMC1428-1-AP-TR, please do not hesitate to contact us!

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

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