

**MCP3424T-E/ST Information**


For Reference Only

**Part Number** [MCP3424T-E/ST](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
[Data Acquisition - Analog to Digital Converters \(ADC\)](#)  
**Description** IC ADC 18BIT 3.75SPS 4CH 14TSSOP  
**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.


**MCP3424T-E/ST Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MCP3424T-E/ST</a>  |
| Manufacturer               | Microchip Technology   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Data Acquisition - Analog to Digital Converters (ADC)</a> |
| Package                    | 14-TSSOP (0.173", 4.40mm Width)  |
| Series                     | -  |
| Number of Bits             | 18   |
| Sampling Rate (Per Second) | 3.75   |
| Number of Inputs           | 4  |
| Input Type                 | Differential   |
| Data Interface             | I2C  |
| Configuration              | MUX-PGA-ADC  |
| Ratio - S/H:ADC            | -  |
| Number of A/D Converters   | 1  |
| Architecture               | Sigma-Delta  |
| Reference Type             | Internal   |
| Voltage - Supply, Analog   | 2.7 V ~ 5.5 V  |
| Voltage - Supply, Digital  | 2.7 V ~ 5.5 V  |
| Features                   | PGA, Selectable Address  |
| Operating Temperature      | -40°C ~ 125°C  |
| Package / Case             | 14-TSSOP (0.173", 4.40mm Width)  |
| Supplier Device Package    | 14-TSSOP   |
| Mounting Type              | -  |

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## MCP3424T-E/ST 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.

## MCP3424T-E/ST Payment Methods



## MCP3424T-E/ST Shipping Methods



If you have any question about MCP3424T-E/ST, please do not hesitate to contact us!

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

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