

**TMC5160-TA-T Information**


For Reference Only

**Part Number** [TMC5160-TA-T](#)  
**Manufacturer** Trinamic Motion Control GmbH  
**Category** Integrated Circuits (ICs)  
[PMIC - Motor Drivers, Controllers](#)  
**Description** IC STEPPER MOTOR DRV SPI S/D  
**Package** 48-TQFP 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.


**TMC5160-TA-T Specifications**

Manufacturer Part Number	<a href="#">TMC5160-TA-T</a>
Manufacturer	Trinamic Motion Control GmbH
Category	Integrated Circuits (ICs) <a href="#">PMIC - Motor Drivers, Controllers</a>
Package	48-TQFP Exposed Pad
Series	-
Motor Type - Stepper	Bipolar
Motor Type - AC, DC	-
Function	Driver - Fully Integrated, Control and Power Stage
Output Configuration	Half Bridge (4)
Interface	SPI, Step/Direction
Technology	BCD MOS External Power MOSFETs
Step Resolution	1 ~ 1/256
Applications	Industrial
Current - Output	20A
Voltage - Supply	8 V ~ 60 V
Voltage - Load	8 V ~ 60 V
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	48-TQFP Exposed Pad
Supplier Device Package	48-TQFP-EP (7x7)

[Report errors?](#)

## TMC5160-TA-T 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.

## TMC5160-TA-T Payment Methods



## TMC5160-TA-T Shipping Methods



If you have any question about TMC5160-TA-T, please do not hesitate to contact us!

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