

TMC2160-TA Information


For Reference Only

Part Number [TMC2160-TA](#)
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


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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.


TMC2160-TA Specifications

Manufacturer Part Number	TMC2160-TA
Manufacturer	Trinamic Motion Control GmbH
Category	Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers
Package	48-TQFP Exposed Pad
Series	stallGuard™
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	Power MOSFET
Step Resolution	1 ~ 1/256
Applications	Automation, Industrial, Multipurpose
Current - Output	20A
Voltage - Supply	10 V ~ 50 V
Voltage - Load	10 V ~ 55 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	48-TQFP Exposed Pad
Supplier Device Package	48-TQFP-EP (7x7)

[Report errors?](#)

TMC2160-TA 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.

TMC2160-TA Payment Methods



TMC2160-TA Shipping Methods



If you have any question about TMC2160-TA, please do not hesitate to contact us!

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