



# **TMC6200-TA-T Information**



For Reference Only

Part Number TMC6200-TA-T

Manufacturer Trinamic Motion Control GmbH

Category Integrated Circuits (ICs)

**PMIC - Gate Drivers** 

**Description** GATE DRIVER IC 8-60V TQFP48

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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# **TMC6200-TA-T Specifications**

Manufacturer Part NumberTMC6200-TA-TManufacturerTrinamic Motion Control GmbHCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage48-TQFP Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel Type3-PhaseNumber of Drivers6Gate TypeN-Channel MOSFETVoltage - Supply10V ~ 60VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)-Input TypeCMOSHigh Side Voltage - Max (Bootstrap)85VRise / Fall Time (Typ)20ns, 20ns		
Category Integrated Circuits (ICs) PMIC - Gate Drivers  Package 48-TQFP Exposed Pad  Series - Driven Configuration Half-Bridge Channel Type 3-Phase Number of Drivers 6 Gate Type N-Channel MOSFET  Voltage - Supply 10V ~ 60V  Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type CMOS  High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ)  Integrated Circuits (ICs) PMIC - Gate Drivers  6 CHOCS  8-TQFP Exposed Pad  8-TQFP Exposed Pad  9-TQFP Exposed Pad  1-QFP E	Manufacturer Part Number	TMC6200-TA-T
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Driven Configuration  Channel Type  3-Phase  Number of Drivers  6  Gate Type  N-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  - Current - Peak Output (Source, Sink)  Input Type  CMOS  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Half-Bridge  3-Phase  Company  C	Package	48-TQFP Exposed Pad
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Input Type CMOS High Side Voltage - Max (Bootstrap) 85V Rise / Fall Time (Typ) 20ns, 20ns	Logic Voltage - VIL, VIH	-
High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  20ns, 20ns	Current - Peak Output (Source, Sink)	-
Rise / Fall Time (Typ) 20ns, 20ns	Input Type	CMOS
	High Side Voltage - Max (Bootstrap)	85V
	Rise / Fall Time (Typ)	20ns, 20ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 48-TQFP Exposed Pad	Package / Case	48-TQFP Exposed Pad
Supplier Device Package 48-TQFP-EP (7x7)	Supplier Device Package	48-TQFP-EP (7x7)
Report errors?		Report errors?

### **TMC6200-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.

### **TMC6200-TA-T Payment Methods**



















# **TMC6200-TA-T Shipping Methods**













If you have any question about TMC6200-TA-T, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com