



Image may be representation.  
See specifications for product details.

### TMC223-SI

Part Number: **TMC223-SI**  
 Product Description: IC MOTOR DRIVER SER 20SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [TMC223-SI.pdf](#)













Manufacturer/Brand: TRINAMIC Motion Control GmbH  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	TMC223-SI	<b>Manufacturer</b>	TRINAMIC Motion Control GmbH
<b>Description</b>	IC MOTOR DRIVER SER 20SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">TMC223-SI.pdf</a>		
<b>Voltage - Supply</b>	3.3 V ~ 5 V	<b>Voltage - Load</b>	8 V ~ 29 V
<b>Technology</b>	Power MOSFET	<b>Supplier Device Package</b>	20-SOIC
<b>Step Resolution</b>	1, 1/2, 1/4, 1/8, 1/16	<b>Series</b>	-
<b>Packaging</b>	Tube	<b>Package / Case</b>	20-SOIC (0.295", 7.50mm Width)
<b>Output Configuration</b>	Half Bridge (4)	<b>Other Names</b>	00-0029 1460-1054-5
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Mounting Type</b>	Surface Mount
<b>Motor Type - Stepper</b>	Bipolar	<b>Motor Type - AC, DC</b>	-
<b>Moisture Sensitivity Level (MSL)</b>	2 (1 Year)	<b>Manufacturer Standard Lead Time</b>	8 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Interface</b>	I <sup>2</sup> C
<b>Function</b>	Driver - Fully Integrated, Control and Power Stage	<b>Detailed Description</b>	Bipolar Motor Driver Power MOSFET I <sup>2</sup> C 20-SOIC
<b>Current - Output</b>	570mA	<b>Applications</b>	General Purpose

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 <p><b>TMC2224-EVAL</b>                  Manufacturers: TRINAMIC Motion Control GmbH                  Description: EVAL BOARD FOR TMC2224                  Download: <a href="#">TMC2224-EVAL.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>TMC222-SI</b>                  Manufacturers: TRINAMIC Motion Control GmbH                  Description: IC MOTOR DRIVER SER 20SOIC                  Download: <a href="#">TMC222-SI.pdf</a></p> <p><a href="#">RFQ</a></p>
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 <p><b>TMC236A-PA</b>                  Manufacturers: TRINAMIC Motion Control GmbH                  Description: IC MOTOR DRIVER SPI 44QFP                  Download: <a href="#">TMC236A-PA.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>TMC2224-LA-T</b>                  Manufacturers: TRINAMIC Motion Control GmbH                  Description: IC STEPPER MOTOR DRIVER 28QFN                  Download: <a href="#">TMC2224-LA-T.pdf</a></p> <p><a href="#">RFQ</a></p>

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