



TRINAMIC Motion Control GmbH

TMC8670-BI

Part Number:	TMC8670-BI
Manufacturer/Brand:	TRINAMIC Motion Control GmbH
Product description:	FOC SERVO CONTROLLER
Datasheets:	TMC8670-BI.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	678 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of TMC8670-BI

PART NUMBER	TMC8670-BI
MANUFACTURER	TRINAMIC Motion Control GmbH
DESCRIPTION	FOC SERVO CONTROLLER
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	678 pcs
DATA SHEET	TMC8670-BI.pdf
VOLTAGE - SUPPLY	3.15 V ~ 3.45 V
VOLTAGE - LOAD	1.2V, 3.3V
TECHNOLOGY	CMOS
SUPPLIER DEVICE PACKAGE	325-BGA (11x11)
STEP RESOLUTION	-
SERIES	-
PACKAGING	Tray
PACKAGE / CASE	325-TFBGA
OUTPUT CONFIGURATION	High Side, Low Side
OTHER NAMES	00-0156 1460-1318
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
MOUNTING TYPE	Surface Mount
MOTOR TYPE - STEPPER	Multiphase
MOTOR TYPE - AC, DC	Brushless DC (BLDC), PMSM, Stepper
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	SPI, UART
FUNCTION	Driver - Fully Integrated, Control and Power Stage
DETAILED DESCRIPTION	Multiphase Motor Driver CMOS SPI, UART 325-BGA (11x11)
CURRENT - OUTPUT	8mA
APPLICATIONS	Industrial

Related Tags

TRINAMIC Motion Control GmbH TMC8670-BI	TMC8670-BI Distributor	TMC8670-BI Supplier
TMC8670-BI Price	TMC8670-BI Pictures	TMC8670-BI Image
TMC8670-BI PDF Datasheet	TMC8670-BI Download Datasheet	TMC8670-BI Datasheet
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Related Products

<p>TMC8461-BA Manufacturers: TRINAMIC Motion Control GmbH Description: ETHERCAT SLAVE CONTROLLER In stock: 3718 pcs RFQ</p>	<p>TMCC160-LC-COE Manufacturers: TRINAMIC Motion Control GmbH Description: MODULE BLDC PMSM SERVO COE In stock: 2153 pcs RFQ</p>
<p>TMC8460-EVAL Manufacturers: TRINAMIC Motion Control GmbH Description: EVAL BOARD FOR TMC8460 In stock: 476 pcs RFQ</p>	<p>TMC8461-EVAL Manufacturers: TRINAMIC Motion Control GmbH Description: EVAL BOARD FOR TMC8461 In stock: 463 pcs RFQ</p>
<p>TMCC160-LC-CANOPEN Manufacturers: TRINAMIC Motion Control GmbH Description: MODULE BLDC PMSM SERVO CANOPEN In stock: 2535 pcs RFQ</p>	<p>TMCE001 Manufacturers: Micrel / Microchip Technology Description: KIT STARTER MCE GPS In stock: 6055 pcs RFQ</p>
<p>TMC8462-EVAL Manufacturers: TRINAMIC Motion Control GmbH Description: EVAL BOARD FOR TMC8462 In stock: 463 pcs RFQ</p>	<p>TMCC160-EVAL Manufacturers: TRINAMIC Motion Control GmbH Description: EVAL BOARD FOR TMCC160 In stock: 377 pcs RFQ</p>
<p>TMC8670-EVAL Manufacturers: TRINAMIC Motion Control GmbH Description: EVAL BOARD FOR TMC8670 In stock: 452 pcs RFQ</p>	<p>TMC8462-BA Manufacturers: TRINAMIC Motion Control GmbH Description: ETHERCAT SLAVE CONTROLLER In stock: 3304 pcs RFQ</p>
<p>TMCC160-LC Manufacturers: TRINAMIC Motion Control GmbH Description: MODULE BLDC PMSM SERVO In stock: 2239 pcs RFQ</p>	<p>TMC8462-BOB-ETH Manufacturers: TRINAMIC Motion Control GmbH Description: BREAKOUTBOARD FOR TMC8462 In stock: 1212 pcs RFQ</p>