



TRINAMIC Motion Control GmbH

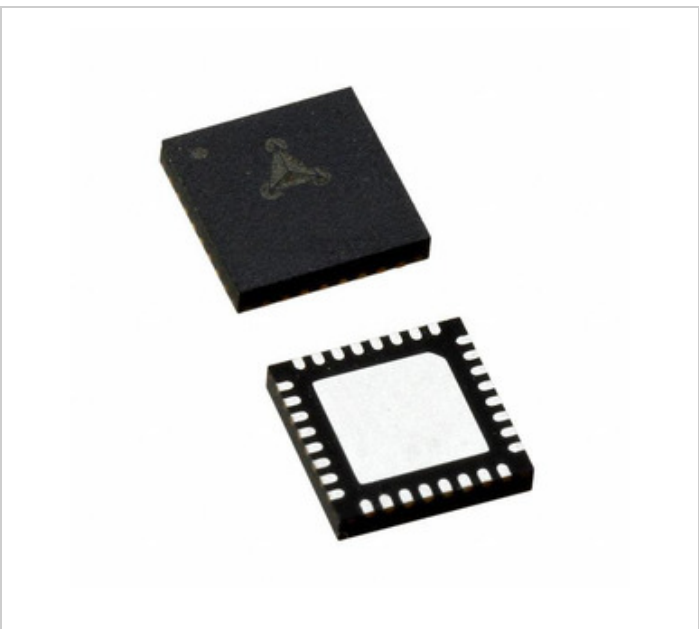


Image may be representation. See specifications for product details.

TMC389-LA

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | TMC389-LA                                                                                                       |
| Manufacturer/Brand: | TRINAMIC Motion Control GmbH                                                                                    |
| Product description | IC MOTOR CTRLR SPI 32QFN                                                                                        |
| Datasheets:         |  <a href="#">TMC389-LA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 5949 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of TMC389-LA

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TMC389-LA                                                                                                         |
| MANUFACTURER                     | TRINAMIC Motion Control GmbH                                                                                      |
| DESCRIPTION                      | IC MOTOR CTRLR SPI 32QFN                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 5949 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">TMC389-LA.pdf</a> |
| VOLTAGE - SUPPLY                 | 3.3 V ~ 5 V                                                                                                       |
| VOLTAGE - LOAD                   | 9 V ~ 60 V                                                                                                        |
| TECHNOLOGY                       | Power MOSFET                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                      |
| STEP RESOLUTION                  | 1 ~ 1/256                                                                                                         |
| SERIES                           | -                                                                                                                 |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                              |
| OUTPUT CONFIGURATION             | Pre-Driver - Half Bridge (3)                                                                                      |
| OTHER NAMES                      | 00-0090<br>1460-1045                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOTOR TYPE - STEPPER             | Multiphase                                                                                                        |
| MOTOR TYPE - AC, DC              | -                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| INTERFACE                        | SPI, Step/Direction                                                                                               |
| FUNCTION                         | Controller - Commutation, Direction Management                                                                    |
| DETAILED DESCRIPTION             | Multiphase Motor Driver Power MOSFET SPI, Step/Direction 32-QFN (5x5)                                             |
| CURRENT - OUTPUT                 | -                                                                                                                 |
| APPLICATIONS                     | General Purpose                                                                                                   |

Related Tags

|                                        |                                                  |                                                  |
|----------------------------------------|--------------------------------------------------|--------------------------------------------------|
| TRINAMIC Motion Control GmbH TMC389-LA | TMC389-LA Distributor                            | TMC389-LA Supplier                               |
| TMC389-LA Price                        | TMC389-LA Pictures                               | TMC389-LA Image                                  |
| TMC389-LA PDF Datasheet                | TMC389-LA Download Datasheet                     | TMC389-LA Datasheet                              |
| TMC389-LA Stock                        | Buy TMC389-LA                                    | Buy TRINAMIC Motion Control GmbH TMC389-LA       |
| TRINAMIC Motion Control GmbH TMC389-LA | TRINAMIC Motion Control GmbH Supplier            | TRINAMIC Motion Control GmbH Distributor         |
| TRINAMIC Motion Control GmbH TMC389-LA | TRINAMIC Motion Control GmbH & Co. KG. TMC389-LA | TRINAMIC Motion Control GmbH & Co. KG. TMC389-LA |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                   |
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|  <div><b>TMC429+TMC24X-EVAL</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: EVAL MOD TMC429,246,248,249<br/>In stock: 6181 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>TMC2660-PA</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC MOTOR DRIVER PAR/SPI 44QFP<br/>In stock: 15892 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>TMC424</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC ENCODER SPI 100TQFP<br/>In stock: 2489 pcs<br/><a href="#">RFQ</a></div>                     |  <div><b>TMC262-LA-T</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC MOTOR CONTROLLER SPI 32QFN<br/>In stock: 12146 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>TMC429+TMC26X-EVAL</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: EVAL MOD TMC429,260,261,262<br/>In stock: 323 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>TMC4210-I</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC MOTOR CONTROLLER SPI 16SSOP<br/>In stock: 15635 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>TMC2660-PA-T</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC MOTOR DRIVER PAR/SPI 44QFP<br/>In stock: 32197 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>TMC2660-EVAL</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: EVAL BOARD FOR TMC2660<br/>In stock: 1505 pcs<br/><a href="#">RFQ</a></div>         |
|  <div><b>TMC4210+TMC2660-EVAL</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: EVAL MODULE FOR TMC4210,2660<br/>In stock: 4289 pcs<br/><a href="#">RFQ</a></div> |  <div><b>TMC389-EVAL</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: EVAL MODULE FOR TMC389<br/>In stock: 346 pcs<br/><a href="#">RFQ</a></div>           |
|  <div><b>TMC2660-BOB</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: BREAKOUTBOARD WITH TMC2660<br/>In stock: 4650 pcs<br/><a href="#">RFQ</a></div>            |  <div><b>TMC4210-I-T</b><br/>Manufacturers: TRINAMIC Motion Control GmbH<br/>Description: IC MOTOR CONTROLLER SPI 16SSOP<br/>In stock: 45955 pcs<br/><a href="#">RFQ</a></div> |