



Image may be representation. See specifications for product details.

L9997ND013TR

|                     |                                      |
|---------------------|--------------------------------------|
| Part Number:        | L9997ND013TR                         |
| Manufacturer/Brand: | STMicroelectronics                   |
| Product description | IC MOTOR DRIVER PAR 20-SOIC          |
| Datasheets:         | <a href="#">PDF</a> L9997ND013TR.pdf |
| RoHs Status         | Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                |

REQUEST FOR QUOTATION

Specifications of L9997ND013TR

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| PART NUMBER                      | L9997ND013TR                                       |
| MANUFACTURER                     | STMicroelectronics                                 |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 20-SOIC                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| DATA SHEET                       | <a href="#">PDF</a> L9997ND013TR.pdf               |
| VOLTAGE - SUPPLY                 | 7 V ~ 16.5 V                                       |
| VOLTAGE - LOAD                   | 7 V ~ 16.5 V                                       |
| TECHNOLOGY                       | CMOS, DMOS                                         |
| SUPPLIER DEVICE PACKAGE          | 20-SO                                              |
| STEP RESOLUTION                  | -                                                  |
| SERIES                           | -                                                  |
| PACKAGING                        | Tape & Reel (TR)                                   |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                     |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                    |
| OTHER NAMES                      | 497-3661<br>497-3661-2<br>497-3661-ND              |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                 |
| MOUNTING TYPE                    | Surface Mount                                      |
| MOTOR TYPE - STEPPER             | -                                                  |
| MOTOR TYPE - AC, DC              | Brushed DC                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                      |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| INTERFACE                        | Parallel                                           |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage |
| DETAILED DESCRIPTION             | Motor Driver CMOS, DMOS Parallel 20-SO             |
| CURRENT - OUTPUT                 | 1.2A                                               |
| BASE PART NUMBER                 | L9997                                              |
| APPLICATIONS                     | Automotive                                         |

Related Tags

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|                                                                                                                                                       |                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>L99CL01XPTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC LED DRIVER LIN DIM POWERSO36<br>In stock: Out stock<br><a href="#">RFQ</a> | <b>L9960</b><br>Manufacturers: STMicroelectronics<br>Description: IC HALF-BRIDGE DRVR SPI PWRSSO36<br>In stock: Out stock<br><a href="#">RFQ</a>    |
| <b>L9959T-TR-D</b><br>Manufacturers: STMicroelectronics<br>Description: IC H-BRIDGE HIGH SIDE 36PSSOP<br>In stock: Out stock<br><a href="#">RFQ</a>   | <b>L9960T</b><br>Manufacturers: STMicroelectronics<br>Description: IC HALF-BRIDGE DRVR SPI PWRSSO36<br>In stock: Out stock<br><a href="#">RFQ</a>   |
| <b>L9959U-TR-D</b><br>Manufacturers: STMicroelectronics<br>Description: POWERSO36<br>In stock: Out stock<br><a href="#">RFQ</a>                       | <b>L99CL01XP</b><br>Manufacturers: STMicroelectronics<br>Description: IC LED DRIVER LIN DIM POWERSO36<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <b>L99DZ100GPTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC AUTOMOTIVE DOOR MODULE 64LQFP<br>In stock: 492 pcs<br><a href="#">RFQ</a> | <b>L99ASC03TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC MOTOR CONTROLLER SPI 48TQFP<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <b>L9960T-TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC HALF-BRIDGE DRVR SPI PWRSSO36<br>In stock: Out stock<br><a href="#">RFQ</a>  | <b>L99ASC03GTR</b><br>Manufacturers: STMicroelectronics<br>Description: IC PREDRIVER 3PHASE 48TQFP<br>In stock: Out stock<br><a href="#">RFQ</a>    |
| <b>L9960TR</b><br>Manufacturers: STMicroelectronics<br>Description: IC HALF-BRIDGE DRVR SPI PWRSSO36<br>In stock: Out stock<br><a href="#">RFQ</a>    | <b>L99ASC03</b><br>Manufacturers: STMicroelectronics<br>Description: IC MOTOR CONTROLLER SPI 48TQFP<br>In stock: Out stock<br><a href="#">RFQ</a>   |