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| <br>life.augmented | <h2 style="color: red;">L9960TR</h2>  |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">L9960TR</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p> <p><b>Part of Description:</b> IC HALF-BRIDGE DRVR SPI PWRSSO36</p> <p><b>Datasheets:</b>  <a href="#">L9960TR.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant<br/>New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation.<br/>See specs for product details.</p>                              |   |









### Specifications

|                                  |   |
|----------------------------------|---|
| Part Number                      | <a href="#">L9960TR</a>   |
| Manufacturer                     | <a href="#">STMicroelectronics</a>                                      |
| Description                      | IC HALF-BRIDGE DRVR SPI PWRSSO36  |
| Category                         | <a href="#">Integrated Circuits (ICs) &gt; PMIC - Full, Half-Bridge</a> |
| Part Status                      | <a href="#">Require For Quote &amp; Check Stock</a>                     |
| Voltage - Supply                 | 4.5 V ~ 5.5 V   |
| Voltage - Load                   | 4.5 V ~ 28 V  |
| Technology                       | Power MOSFET  |
| Supplier Device Package          | PowerSSO-36   |
| Series                           | Automotive, AEC-Q100  |
| Rds On (Typ)                     | 400 mOhm LS + HS  |
| Packaging                        | Tape & Reel (TR)  |
| Package / Case                   | 36-PowerFSOP (0.295", 7.50mm Width)                                     |
| Output Configuration             | Half Bridge (2)   |
| Other Names                      | 497-17609-2   |
| Operating Temperature            | -40°C ~ 170°C (TJ)  |
| Mounting Type                    | Surface Mount   |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)   |
| Manufacturer Standard Lead Time  | 42 Weeks  |
| Load Type                        | Inductive, Capacitive, Resistive  |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Interface                        | SPI   |
| Features                         | Slew Rate Controlled  |
| Fault Protection                 | Over Temperature, Short Circuit   |
| Detailed Description             | Half Bridge (2) Driver General Purpose Power MOSFET                     |
| Current - Peak Output            | -   |
| Current - Output / Channel       | -   |
| Applications                     | General Purpose   |

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