



L6384D013TR

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|---------------------|-------------------------------------|
| Part Number:        | L6384D013TR                         |
| Manufacturer/Brand: | STMicroelectronics                  |
| Product description | IC DRIVER HALF BRIDGE HV 8SOIC      |
| Datasheets:         | <a href="#">PDF</a> L6384D013TR.pdf |
| RoHs Status         | Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS               |

REQUEST FOR QUOTATION

Specifications of L6384D013TR

|                                      |                                           |
|--------------------------------------|-------------------------------------------|
| PART NUMBER                          | L6384D013TR                               |
| MANUFACTURER                         | STMicroelectronics                        |
| DESCRIPTION                          | IC DRIVER HALF BRIDGE HV 8SOIC            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                |
| DATA SHEET                           | <a href="#">PDF</a> L6384D013TR.pdf       |
| VOLTAGE - SUPPLY                     | 14.6 V ~ 16.6 V                           |
| SUPPLIER DEVICE PACKAGE              | 8-SO                                      |
| SERIES                               | -                                         |
| RISE / FALL TIME (TYP)               | 50ns, 30ns                                |
| PACKAGING                            | Tape & Reel (TR)                          |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)             |
| OTHER NAMES                          | 497-4014-2                                |
| OPERATING TEMPERATURE                | -45°C ~ 125°C (TJ)                        |
| NUMBER OF DRIVERS                    | 2                                         |
| MOUNTING TYPE                        | Surface Mount                             |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                             |
| LOGIC VOLTAGE - VIL, VIH             | 1.5V, 3.6V                                |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                |
| INPUT TYPE                           | Inverting                                 |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 600V                                      |
| GATE TYPE                            | IGBT, N-Channel MOSFET                    |
| DRIVEN CONFIGURATION                 | Half-Bridge                               |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Inverting 8-SO |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 400mA, 650mA                              |
| CHANNEL TYPE                         | Synchronous                               |
| BASE PART NUMBER                     | L6384                                     |

Related Tags

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|                                                                                                                                                    |                                                                                                                                                     |
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| <p><b>L6385D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>L6384ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>L6382D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PFC/BALLAST CONTROLLER 20SOIC<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>L6384E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HALF BRIDGE HV 8-DIP<br/>In stock: Out stock</p> <p>RFQ</p>         |
| <p><b>L6385D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH/LOW SIDE 8-SOIC<br/>In stock: Out stock</p> <p>RFQ</p>      | <p><b>L6384ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8-SOIC<br/>In stock: Out stock</p> <p>RFQ</p>     |
| <p><b>L6382D5</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PMU MICROCTRL BALLAST 20-SOIC<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>L6384D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8-SOIC<br/>In stock: Out stock</p> <p>RFQ</p>      |
| <p><b>L6382D5TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 20SOIC<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>L6385</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8MINIDIP<br/>In stock: Out stock</p> <p>RFQ</p>      |
| <p><b>L6384</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HALF BRIDGE HV 8MINIDIP<br/>In stock: Out stock</p> <p>RFQ</p>      | <p><b>L6382DTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR MAGMNT MCU BALLAST SOIC20<br/>In stock: Out stock</p> <p>RFQ</p>   |