



L6387DTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L6387DTR                                                                                                     |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DRIVER HIGH/LOW SIDE HV 8SOIC                                                                             |
| Datasheets:         |  L6387DTR.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5379 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L6387DTR

|                                      |                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                          | L6387DTR                                                                                         |
| MANUFACTURER                         | STMicroelectronics                                                                               |
| DESCRIPTION                          | IC DRIVER HIGH/LOW SIDE HV 8SOIC                                                                 |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE                   | 5379 pcs                                                                                         |
| DATA SHEET                           |  L6387DTR.pdf |
| VOLTAGE - SUPPLY                     | 17V (Max)                                                                                        |
| 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                          | 497-4015-2                                                                                       |
| 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                         | Independent                                                                                      |
| BASE PART NUMBER                     | L6387                                                                                            |

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| <div><div><b>L6386E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 14-DIP<br/>In stock: 3556 pcs</div><div>RFQ</div></div>         | <div><div><b>L6386ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH/LOW SIDE 14-SOIC<br/>In stock: 46467 pcs</div><div>RFQ</div></div>     |
| <div><div><b>L6386ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 14-SOIC<br/>In stock: 58319 pcs</div><div>RFQ</div></div> | <div><div><b>L6388</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8MINIDIP<br/>In stock: 5967 pcs</div><div>RFQ</div></div>       |
| <div><div><b>L6386D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 14-SOIC<br/>In stock: 31765 pcs</div><div>RFQ</div></div>  | <div><div><b>L6387ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 60026 pcs</div><div>RFQ</div></div> |
| <div><div><b>L6387E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-DIP<br/>In stock: 57027 pcs</div><div>RFQ</div></div>         | <div><div><b>L6387ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 64750 pcs</div><div>RFQ</div></div>      |
| <div><div><b>L6387D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 102971 pcs</div><div>RFQ</div></div>       | <div><div><b>L6388D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 61507 pcs</div><div>RFQ</div></div>  |
| <div><div><b>L6387</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8MINIDIP<br/>In stock: 25432 pcs</div><div>RFQ</div></div>       | <div><div><b>L6388D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 64957 pcs</div><div>RFQ</div></div>       |