



L6387



Part Number: **L6387**

Manufacturer: **STMicroelectronics**

Description: IC DRIVER HI/LO SIDE HV 8MINIDIP

Data sheet:  **L6387**

RoHs Status: Lead free / RoHS Compliant




















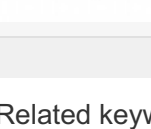
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| PRODUCT PARAMETER   |   |                                      |                                    |
|---|---|--------------------------------------|------------------------------------|
| Part Number   | L6387   | Manufacturer                         | <a href="#">STMicroelectronics</a> |
| Description   | IC DRIVER HI/LO SIDE HV 8MINIDIP                | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant         |
| Quantity Available  | 43778 pcs                                       | Data sheet                           | <a href="#">L6387</a>              |
| Category  | <a href="#">Integrated Circuits (ICs)</a>       | Voltage - Supply                     | 17V (Max)                          |
| Supplier Device Package   | 8-Mini DIP                                      | Series                               | -                                  |
| Rise / Fall Time (Typ)  | 50ns, 30ns                                      | Packaging                            | Tube                               |
| Package / Case  | 8-DIP (0.300", 7.62mm)                          | Other Names                          | 497-5782<br>L6387-ND               |
| Operating Temperature   | -45°C ~ 125°C (TJ)                              | Number of Drivers                    | 2                                  |
| Mounting Type   | Through Hole                                    | 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-Mini DIP | Current - Peak Output (Source, Sink) | 400mA, 650mA                       |
| Channel Type  | Independent                                     | Base Part Number                     | L6387                              |
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