

L6386E



Part Number: **L6386E**

Manufacturer **STMicroelectronics**

Description IC DRIVER HI/LO SIDE HV 14-DIP

Data sheet:  **L6386E**

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |                                      |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | L6386E                                      | Manufacturer                         | <a href="#">STMicroelectronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC DRIVER HI/LO SIDE HV 14-DIP              | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4443 pcs                                    | Data sheet                           | <a href="#">L6386E</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply                     | 17V (Max)                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14-DIP                                      | Series                               | -                                  |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50ns, 30ns                                  | Packaging                            | Tube                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-DIP (0.300", 7.62mm)                     | Other Names                          | 497-6215-5                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 150°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 14-DIP | Current - Peak Output (Source, Sink) | 400mA, 650mA                       |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Independent                                 | Base Part Number                     | L6386                              |
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