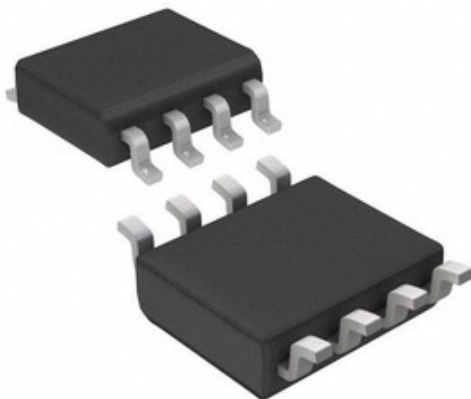




STMicroelectronics



L6385D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L6385D                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC DRIVER HIGH/LOW SIDE 8-SOIC                                                                               |
| Datasheets:         |  L6385D.pdf                 |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 95552 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L6385D

|                                      |                                                                                                |
|--------------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                          | L6385D                                                                                         |
| MANUFACTURER                         | STMicroelectronics                                                                             |
| DESCRIPTION                          | IC DRIVER HIGH/LOW SIDE 8-SOIC                                                                 |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                     |
| QUANTITY AVAILABLE                   | 95552 pcs                                                                                      |
| DATA SHEET                           |  L6385D.pdf |
| VOLTAGE - SUPPLY                     | 17V (Max)                                                                                      |
| SUPPLIER DEVICE PACKAGE              | 8-SO                                                                                           |
| SERIES                               | -                                                                                              |
| RISE / FALL TIME (TYP)               | 50ns, 30ns                                                                                     |
| PACKAGING                            | Tube                                                                                           |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                                                                  |
| OTHER NAMES                          | 497-1435-5<br>497-1435-5-ND<br>497-3650-5                                                      |
| OPERATING TEMPERATURE                | -40°C ~ 150°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                     | L6385                                                                                          |

Related Tags

|                           |                             |                                |
|---------------------------|-----------------------------|--------------------------------|
| STMicroelectronics L6385D | L6385D Distributor          | L6385D Supplier                |
| L6385D Price              | L6385D Pictures             | L6385D Image                   |
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Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>L6385</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8MINIDIP<br/>In stock: 82548 pcs<br/><div>RFQ</div></div>      |  <div><b>L6386AD</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HV HI/LOW SIDE SOIC-14<br/>In stock: 49149 pcs<br/><div>RFQ</div></div>    |
|  <div><b>L6384ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8-SOIC<br/>In stock: 60450 pcs<br/><div>RFQ</div></div>     |  <div><b>L6385D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 85771 pcs<br/><div>RFQ</div></div>  |
|  <div><b>L6384D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8-SOIC<br/>In stock: 47849 pcs<br/><div>RFQ</div></div>      |  <div><b>L6384E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRVR HALF BRIDGE HV 8-DIP<br/>In stock: 56354 pcs<br/><div>RFQ</div></div>         |
|  <div><b>L6385ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-SOIC<br/>In stock: 40985 pcs<br/><div>RFQ</div></div> |  <div><b>L6386</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 14-DIP<br/>In stock: 41829 pcs<br/><div>RFQ</div></div>        |
|  <div><b>L6385E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HI/LO SIDE HV 8-DIP<br/>In stock: 140116 pcs<br/><div>RFQ</div></div>       |  <div><b>L6384ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8SOIC<br/>In stock: 56250 pcs<br/><div>RFQ</div></div> |
|  <div><b>L6385ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HIGH/LOW SIDE 8-SOIC<br/>In stock: 72870 pcs<br/><div>RFQ</div></div>      |  <div><b>L6384D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC DRIVER HALF BRIDGE HV 8SOIC<br/>In stock: 42157 pcs<br/><div>RFQ</div></div>  |