

L6590N



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Part Number: **L6590N**

Manufacturer: **STMicroelectronics**

Description: IC SWIT OVP OCP 8DIP

Data sheet:  **L6590**

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |                                |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                               | L6590N                                           | Manufacturer                   | <a href="#">STMicroelectronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                               | IC SWIT OVP OCP 8DIP                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                        | 51562 pcs                                        | Data sheet                     | <a href="#">L6590</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply (Vcc/Vdd)     | 6.5 V ~ 18 V                       |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                        | 14.5V                                            | Voltage - Breakdown            | 700V                               |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                  | Flyback                                          | Supplier Device Package        | 8-DIP                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                | Power (Watts)                  | 15W                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                             | Package / Case                 | 8-DIP (0.300", 7.62mm)             |
| Output Isolation                                                                                                                                                                                                                                                                                                                                                                                          | Isolated                                         | Other Names                    | 497-5362-5<br>L6590N-ND            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 150°C (TJ)                               | Mounting Type                  | Through Hole                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant         |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                              | Frequency - Switching          | 65kHz                              |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                          | Current Limiting, Over Temperature, Over Voltage | Duty Cycle                     | 70%                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                      | Converter Offline Flyback Topology 65kHz 8-DIP   | Control Features               | -                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                          | L6590                                            |                                |                                    |
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