



STMicroelectronics



Image may be representation. See specifications for product details.

L6591TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | L6591TR                                                                                                      |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC CTRLR PWM PROG CM HV 16SOIC                                                                               |
| Datasheets:         |  L6591TR.pdf                |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 66124 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of L6591TR

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | L6591TR                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                              |
| DESCRIPTION                      | IC CTRLR PWM PROG CM HV 16SOIC                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 66124 pcs                                                                                       |
| DATA SHEET                       |  L6591TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 8.7 V ~ 22 V                                                                                    |
| VOLTAGE - START UP               | 14V                                                                                             |
| VOLTAGE - BREAKDOWN              | -                                                                                               |
| TOPOLOGY                         | Half-Bridge                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 16-SO                                                                                           |
| SERIES                           | -                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                |
| PACKAGE / CASE                   | 16-SOIC (0.154", 3.90mm Width)                                                                  |
| OUTPUT ISOLATION                 | Isolated                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| INTERNAL SWITCH(S)               | No                                                                                              |
| FREQUENCY - SWITCHING            | Up to 500kHz                                                                                    |
| FAULT PROTECTION                 | Current Limiting, Over Load                                                                     |
| DUTY CYCLE                       | 50%                                                                                             |
| DETAILED DESCRIPTION             | Converter Offline Half-Bridge Topology Up to 500kHz 16-SO                                       |
| CONTROL FEATURES                 | Frequency Control, Soft Start                                                                   |
| BASE PART NUMBER                 | L6591                                                                                           |

Related Tags

|                            |                             |                                |
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| STMicroelectronics L6591TR | L6591TR Distributor         | L6591TR Supplier               |
| L6591TR Price              | L6591TR Pictures            | L6591TR Image                  |
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|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                  |
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| <div><div><b>L6590N</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT OVP OCP 8DIP<br/>In stock: 52259 pcs</div><div>RFQ</div></div>                 | <div><div><b>L6590ED</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT OVP OCP 8MINIDIP<br/>In stock: 33444 pcs</div><div>RFQ</div></div>    |
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| <div><div><b>L6599ADTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RESONANT CONVRTR CTRLR 16SOIC<br/>In stock: 110789 pcs</div><div>RFQ</div></div> | <div><div><b>L6598</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR UVLO HV 16DIP<br/>In stock: 32604 pcs</div><div>RFQ</div></div>        |
| <div><div><b>L6591</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR PWM PROG CM HV 16SOIC<br/>In stock: 30016 pcs</div><div>RFQ</div></div>        | <div><div><b>L6598BDTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RESONANT CTLR 16SOIC<br/>In stock: 86281 pcs</div><div>RFQ</div></div>   |
| <div><div><b>L6598D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR UVLO HV 16SOIC<br/>In stock: 45956 pcs</div><div>RFQ</div></div>              | <div><div><b>L6590D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT OVP OCP 16SOIC<br/>In stock: 39397 pcs</div><div>RFQ</div></div>  |
| <div><div><b>L6590ED013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWIT OVP OCP 8MINIDIP<br/>In stock: 42141 pcs</div><div>RFQ</div></div>       | <div><div><b>L6598D013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC CTRLR UVLO HV 16SOIC<br/>In stock: 99619 pcs</div><div>RFQ</div></div> |