

L5986TR



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Part Number: **L5986TR**

Manufacturer: **STMicroelectronics**

Description: IC REG BUCK ADJ 2.5A 8VQFPN

Data sheet:  **L5986**

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                                                                                                                                                                                                                                                                                                                                                                                                                                               | L5986TR                                                                                | Manufacturer                     | <a href="#">STMicroelectronics</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG BUCK ADJ 2.5A 8VQFPN                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 94886 pcs                                                                              | Data sheet                       | <a href="#">L5986</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage - Output (Min/Fixed)     | 0.6V                               |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18V                                                                                    | Voltage - Input (Min)            | 2.9V                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18V                                                                                    | Topology                         | Buck                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                                                                     | Supplier Device Package          | 8-VFQFPN (3x3)                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                      | Packaging                        | Tape & Reel (TR)                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-VDFDN Exposed Pad                                                                    | Output Type                      | Adjustable                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                                                               | Other Names                      | 497-8503-2                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 150°C (TJ)                                                                     | Number of Outputs                | 1                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                      |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 40 Weeks                                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant         |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Step-Down                                                                              | Frequency - Switching            | 250kHz ~ 1MHz                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 2.5A 8-VDFDN Exposed Pad | Current - Output                 | 2.5A                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | L5986                                                                                  |                                  |                                    |
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| RELATED PRODUCTS                                                                                                                                                                |                                                   |  |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|----------------|
|  <div>Part#: <a href="#">L5983</a><br/>Description: IC REG BUCK ADJ 1.5A 8VQFPN</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5989DTR</a><br/>Description: IC REG BUCK ADJ 4A SYNC 16HTSSOP</div> | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5987</a><br/>Description: IC REG BUCK ADJ 3A 8VQFPN</div>           | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5987A</a><br/>Description: IC REG BUCK ADJ 3A 8SOIC</div>           | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5991A</a><br/>Description: IC REG CTRLR FLYBACK 16DIP</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5989D</a><br/>Description: IC REG BUCK ADJ 4A SYNC 16HTSSOP</div>   | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5991</a><br/>Description: IC REG CTRLR BST FLYBK ISO 16DIP</div>    | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5987TR</a><br/>Description: IC REG BUCK ADJ 3A 8VQFPN</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5980TR</a><br/>Description: IC REG BUCK ADJ 0.7A 8VQFPN</div>       | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5981TR</a><br/>Description: IC REG BUCK ADJ 1A 8VQFPN</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5981</a><br/>Description: IC REG BUCK ADJ 1A 8VQFPN</div>           | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
|  <div>Part#: <a href="#">L5986A</a><br/>Description: IC REG BUCK ADJ 2.5A 8SOIC</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
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|  <div>Part#: <a href="#">L5987ATR</a><br/>Description: IC REG BUCK ADJ 3A 8HSOP</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
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|  <div>Part#: <a href="#">L5985TR</a><br/>Description: IC REG BUCK ADJ 2A 8VQFPN</div>         | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |
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|  <div>Part#: <a href="#">L5985</a><br/>Description: IC REG BUCK ADJ 2A 8VQFPN</div>           | Manufacturers: <a href="#">STMicroelectronics</a> |  | <div>RFQ</div> |

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