

L6917BDTR



**Part Number:** [L6917BDTR](#)

**Manufacturer:** [STMicroelectronics](#)

**Description:** IC REG CTRLR BUCK 28SOIC

**Data sheet:**  [L6917B](#)

**RoHS Status:** Lead free / RoHS Compliant

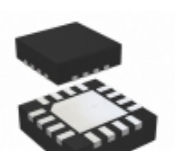
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                    |                                  |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | L6917BDTR                                                          | Manufacturer                     | <a href="#">STMicroelectronics</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG CTRLR BUCK 28SOIC                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16414 pcs                                                          | Data sheet                       | <a href="#">L6917B</a>                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 7.5 V ~ 15 V                                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Buck                                                               | Synchronous Rectifier            | Yes                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28-SO                                                              | Series                           | -                                                           |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                  | Packaging                        | Original-Reel®                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28-SOIC (0.295", 7.50mm Width)                                     | Output Type                      | Transistor Driver                                           |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                                                  | Output Configuration             | Positive                                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 497-5883-6                                                         | Operating Temperature            | -25°C ~ 125°C (TJ)                                          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                                                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                         | Function                         | Step-Down                                                   |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                       | 300kHz                                                             | Duty Cycle (Max)                 | 75%                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | Buck Regulator Positive Output Step-Down DC-DC Controller IC 28-SO | Control Features                 | Current Limit, Frequency Control, Phase Control, Power Good |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No                                                                 | Base Part Number                 | L6917B                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                   |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|---------------------|
|  | Part#: <a href="#">L6919ETR</a><br>Description: IC REG CTRLR BUCK 28SOIC            | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6920D</a><br>Description: IC REG BOOST ADJ/3.3V/5V 8TSSOP       | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6911E</a><br>Description: IC REG CTRLR BUCK 20SOIC              | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6911D</a><br>Description: IC REG CTRLR BUCK 20SOIC              | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6924D</a><br>Description: IC BATTERY CHARGER SYS 16-VFQFPN      | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6910G</a><br>Description: IC REG CTRLR BUCK 16SOIC              | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6920DB</a><br>Description: IC REG BOOST ADJ/3.3V/5V 8MSOP       | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">L6910TR</a><br>Description: IC REG CTRLR BUCK 16SOIC             | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6919E</a><br>Description: IC REG CTRLR BUCK 28SOIC              | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6924D013TR</a><br>Description: IC BATT CHRGR ION/POLY 16-VFQFPN | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6911C</a><br>Description: IC REG CTRLR BUCK 20SOIC              | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6920DCTR</a><br>Description: IC REG BOOST ADJ/3.3V/5V 8MSOP     | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">L6911DTR</a><br>Description: IC REG CTRLR BUCK 20SOIC            | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">L6910GTR</a><br>Description: IC REG CTRLR BUCK 16SOIC            | Manufacturers: <a href="#">STMicroelectronics</a> | <a href="#">RFQ</a> |

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