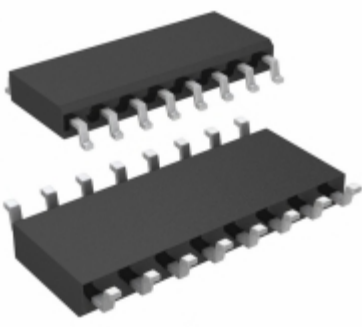


LTC1649CS#TRPBF





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Part Number: [LTC1649CS#TRPBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC REG CTRLR BUCK 16SOIC

Data sheet:  [LTC1649](#)

RoHs Status: Lead free / RoHS Compliant

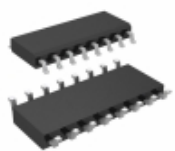
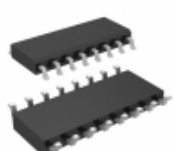
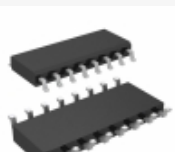
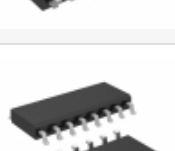
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC1649CS#TRPBF                                                      | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR BUCK 16SOIC                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25015 pcs                                                            | Data sheet                      | <a href="#">LTC1649</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)      | 2.7 V ~ 5 V                                |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Buck                                                                 | Synchronous Rectifier           | Yes                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-SOIC                                                              | Series                          | -                                          |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                    | Packaging                       | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-SOIC (0.154", 3.90mm Width)                                       | Output Type                     | Transistor Driver                          |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                    | Output Configuration            | Positive                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0°C ~ 70°C (TA)                                                      | Number of Outputs               | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                                                        | Manufacturer Standard Lead Time | 8 Weeks                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                           | Function                        | Step-Down                                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 200kHz                                                               | Duty Cycle (Max)                | 93%                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC | Control Features                | Current Limit, Enable, Soft Start          |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                   | Base Part Number                | LTC1649                                    |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1650AIS#TRPBF</a><br>Description: IC D/A CONV 16BIT R-R 16-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1649CS#PBF</a><br>Description: IC REG CTRLR BUCK 16SOIC              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-2IS8#TRPBF</a><br>Description: IC CONTROLLR HOTSWAP DUAL 8-SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1649IS#PBF</a><br>Description: IC REG CTRLR BUCK 16SOIC              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-2CS8#PBF</a><br>Description: IC CTRL HOTSWAP DUAL 8-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-3CGN#TRPBF</a><br>Description: IC CTRLR HOTSWAP DUAL 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1650ACN#PBF</a><br>Description: IC D/A CONV 16BIT R-R 16-DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1649IS#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SOIC            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1650CN#PBF</a><br>Description: IC D/A CONV 16BIT R-R 16-DIP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1650AIN#PBF</a><br>Description: IC D/A CONV 16BIT R-R 16-DIP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-2IS8#PBF</a><br>Description: IC CONTROLLR HOTSWAP DUAL 8-SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1650ACS#PBF</a><br>Description: IC D/A CONV 16BIT R-R 16-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1647-3IGN#TRPBF</a><br>Description: IC CTRLR HOTSWAP DUAL 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1649CS</a><br>Description: IC REG CTRLR BUCK 16SOIC                  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-3IGN#PBF</a><br>Description: IC CTRLR HOTSWAP DUAL 16SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1647-2CS8#TRPBF</a><br>Description: IC CONTROLLR HOTSWAP DUAL 8-SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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