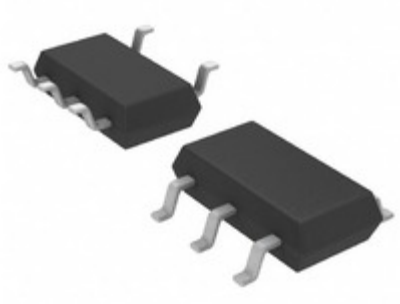


LT1937ES5#TRPBF



Images are for reference only.  
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**Part Number:** [LT1937ES5#TRPBF](#)

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

**Description:** IC LED DRIVER RGLTR DIM TSOT23-5

**Data sheet:** [PDF LT1937 Datasheet](#)  
[PDF Mac OS X Shortcuts](#)  
[PDF LTspice Flyer](#)  
[PDF LTspice IV Getting Started Guide](#)

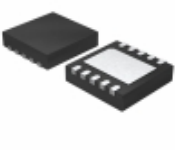
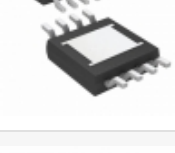
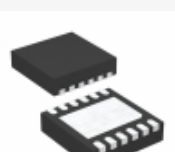
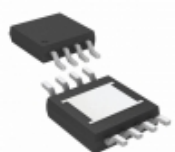
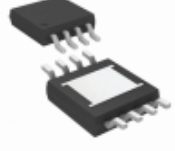
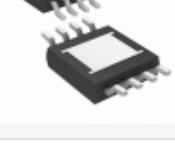
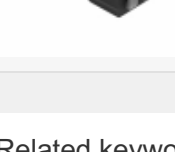
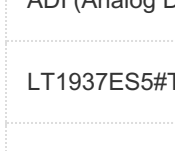
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                  |                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT1937ES5#TRPBF                           | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC LED DRIVER RGLTR DIM TSOT23-5          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 66735 pcs                                 | Data sheet                       | <a href="#">LT1937 Datasheet</a><br><a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Min)           | 2.5V                                                                                                                                                        |
| Voltage - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10V                                       | Voltage - Output                 | 36V                                                                                                                                                         |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DC DC Regulator                           | Topology                         | Step-Up (Boost)                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | TSOT-23-5                                 | Series                           | -                                                                                                                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tape & Reel (TR)                          | Package / Case                   | SOT-23-5 Thin, TSOT-23-5                                                                                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of Outputs                | 1                                                                                                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                  |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                       | Frequency                        | 1.2MHz                                                                                                                                                      |
| Dimming                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Analog, PWM                               | Detailed Description             | LED Driver IC 1 Output DC DC Regulator Step-Up (Boost) Analog, PWM Dimming 320mA (Switch) TSOT-23-5                                                         |
| Current - Output / Channel                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 320mA (Switch)                            | Base Part Number                 | LT1937                                                                                                                                                      |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Backlight                                 |                                  |                                                                                                                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1938EDD#PBF</a><br>Description: IC REG BUCK ADJ 2.2A 10DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1938IDD#PBF</a><br>Description: IC REG BUCK ADJ 2.2A 10DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936EMS8E#PBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936IMS8E#TRPBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1938EDD#TRPBF</a><br>Description: IC REG BUCK ADJ 2.2A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1935ES5#TRPBF</a><br>Description: IC REG MULT CONFIG ADJ 2A TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1939EDD</a><br>Description: IC REG DL BUCK/LINEAR 12DFN             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1939IDD</a><br>Description: IC REG DL BUCK/LINEAR 12DFN             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1937ESC6#TRPBF</a><br>Description: IC LED DRIVER RGLTR DIM SC70-6   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1934IS6-1#TRPBF</a><br>Description: IC REG BUCK ADJ 60MA SOT23-6    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1938IDD#TRPBF</a><br>Description: IC REG BUCK ADJ 2.2A 10DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1939EDD#PBF</a><br>Description: IC REG DL BUCK/LINEAR 12DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936HMS8E#PBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936HMS8E#TRPBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1937ES5#TRMPBF</a><br>Description: IC LED DRIVER RGLTR DIM TSOT23-5 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936EMS8E#TRPBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1936IMS8E#PBF</a><br>Description: IC REG BUCK ADJ 1.4A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1935ES5#TRMPBF</a><br>Description: IC REG MULT CONFIG ADJ 2A TSOT23 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1939EDD#TRPBF</a><br>Description: IC REG DL BUCK/LINEAR 12DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1937ESC6#TRMPBF</a><br>Description: IC LED DRIVER RGLTR DIM SC70-6  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

|                                             |                             |                                            |                                     |
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| Analog Devices, Inc. LT1937ES5#TRPBF        |                             |                                            |                                     |