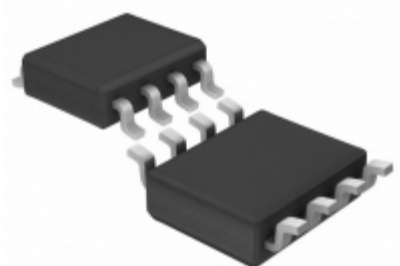


LT1306ES8#TRPBF





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Part Number: [LT1306ES8#TRPBF](#)

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

Description: IC REG BOOST 5V 2.3A 8SOIC

Data sheet:  [LT1306](#)

RoHs Status: Lead free / RoHS Compliant

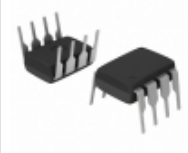
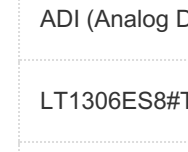
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LT1306ES8#TRPBF                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BOOST 5V 2.3A 8SOIC                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 27764 pcs                                 | Data sheet                      | <a href="#">LT1306</a>                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 5V                                                                                                  |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Voltage - Input (Min)           | 1.8V                                                                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10V                                       | Topology                        | Boost                                                                                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                        | Supplier Device Package         | 8-SOIC                                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                       | Tape & Reel (TR)                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC (0.154", 3.90mm Width)             | Output Type                     | Fixed                                                                                               |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                  | Operating Temperature           | 0°C ~ 70°C (TA)                                                                                     |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Mounting Type                   | Surface Mount                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 8 Weeks                                                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Function                        | Step-Up                                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 310kHz                                    | Detailed Description            | Boost Switching Regulator IC Positive Fixed 5V 1 Output 2.3A (Switch) 8-SOIC (0.154", 3.90mm Width) |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2.3A (Switch)                             | Base Part Number                | LT1306                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 27764 pieces of ADI (Analog Devices, Inc.) LT1306ES8#TRPBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1304CS8-5#TRPBF</a><br>Description: IC REG BOOST SEPIC 5V 0.8A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8#TRPBF</a><br>Description: IC REG BST SEPIC ADJ 0.8A 8SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BCS8#TRPBF</a><br>Description: IC REG BOOST ADJ 0.6A 8SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1306ES8#PBF</a><br>Description: IC REG BOOST 5V 2.3A 8SOIC             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1305CS8#TRPBF</a><br>Description: IC REG BOOST 5V 1.35MA 8SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8-3.3#PBF</a><br>Description: IC REG BST SEPIC 3.3V 0.8A 8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8-5#PBF</a><br>Description: IC REG BOOST SEPIC 5V 0.8A 8SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BIS8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BCMS8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8MSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307CMS8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8MSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BIS8#TRPBF</a><br>Description: IC REG BOOST ADJ 0.6A 8SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BCS8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307BCMS8#TRPBF</a><br>Description: IC REG BOOST ADJ 0.6A 8MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307CMS8#TRPBF</a><br>Description: IC REG BOOST ADJ 0.6A 8MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307CN8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8DIP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1305CS8#PBF</a><br>Description: IC REG BOOST 5V 1.35MA 8SOIC           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8-3.3#TRPBF</a><br>Description: IC REG BST SEPIC 3.3V 0.8A 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1307CS8#PBF</a><br>Description: IC REG BOOST ADJ 0.6A 8SOIC            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8-5</a><br>Description: IC REG BOOST SEPIC 5V 0.8A 8SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1304CS8#PBF</a><br>Description: IC REG BST SEPIC ADJ 0.8A 8SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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