

LT3431IFE#PBF





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Part Number: [LT3431IFE#PBF](#)

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

Description: IC REG BUCK ADJ 3A 16TSSOP

Data sheet:  [LT3431](#)

RoHs Status: Lead free / RoHS Compliant

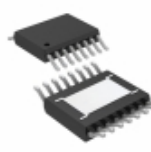
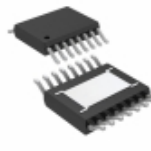
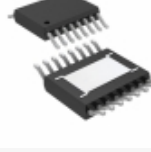
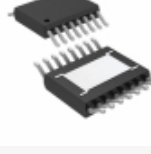
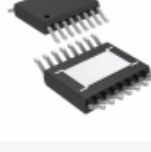
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
Buy LT3431IFE#PBF with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                         |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT3431IFE#PBF                                                                                                           | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC REG BUCK ADJ 3A 16TSSOP                                                                                              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 14464 pcs                                                                                                               | Data sheet                       | <a href="#">LT3431</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                                               | Voltage - Output (Min/Fixed)     | 1.219V                                     |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 55.2V                                                                                                                   | Voltage - Input (Min)            | 5.5V                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 60V                                                                                                                     | Topology                         | Buck                                       |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No                                                                                                                      | Supplier Device Package          | 16-TSSOP-EP                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                                                       | Packaging                        | Tube                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                             | Output Type                      | Adjustable                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Positive                                                                                                                | Other Names                      | LT3431IFEPBF                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 125°C (TJ)                                                                                                      | 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-Down                                                                                                               | Frequency - Switching            | 500kHz                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Buck Switching Regulator IC Positive Adjustable 1.219V 1 Output 3A (Switch) 16-TSSOP (0.173", 4.40mm Width) Exposed Pad | Current - Output                 | 3A (Switch)                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LT3431                                                                                                                  |                                  |                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 14464 pieces of ADI (Analog Devices, Inc.) LT3431IFE#PBF 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="#">LT3434IFE#PBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3430IFE#PBF</a><br>Description: IC REG BUCK SEPIC ADJ 3A 16TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3433EFE#TRPBF</a><br>Description: IC REG BUCK BST ADJ 0.5A 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3431EFE#PBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP           | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LT3430EFE-1#TRPBF</a><br>Description: IC REG BUCK SEPIC ADJ 3A 16TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3434IFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3430EFE#TRPBF</a><br>Description: IC REG BUCK SEPIC ADJ 3A 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3434EFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3435EFE#PBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3433IFE#TRPBF</a><br>Description: IC REG BUCK BST ADJ 0.5A 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3431EFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3431IFE#TRPBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3433IFE#PBF</a><br>Description: IC REG BCK BOOST ADJ 0.5A 16TSSO     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3430IFE#TRPBF</a><br>Description: IC REG BUCK SEPIC ADJ 3A 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3433EFE#PBF</a><br>Description: IC REG BUCK BST ADJ 0.5A 16TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3430EFE-1#PBF</a><br>Description: IC REG BUCK SEPIC ADJ 3A 16TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT3434EFE#PBF</a><br>Description: IC REG BUCK ADJ 3A 16TSSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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Related keywords for **LT3431IFE#PBF**

|                                          |                           |                                          |                                   |
|------------------------------------------|---------------------------|------------------------------------------|-----------------------------------|
| ADI (Analog Devices, Inc.) LT3431IFE#PBF | LT3431IFE#PBF distributor | LT3431IFE#PBF supplier                   | LT3431IFE#PBF price               |
| LT3431IFE#PBF download datasheet         | LT3431IFE#PBF datasheet   | LT3431IFE#PBF stock                      | buy LT3431IFE#PBF                 |
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