



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LT1506IS8#PBF

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LT1506IS8#PBF                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                          |
| Product description | IC REG BUCK ADJ 4.5A 8SOIC                                                                                          |
| Datasheets:         |  <a href="#">LT1506IS8#PBF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 7854 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

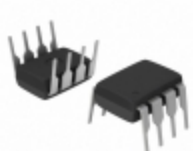
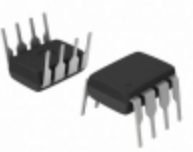
Specifications of LT1506IS8#PBF

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LT1506IS8#PBF                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                            |
| DESCRIPTION                      | IC REG BUCK ADJ 4.5A 8SOIC                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 7854 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">LT1506IS8#PBF.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.42V                                                                                                                 |
| VOLTAGE - OUTPUT (MAX)           | 13.95V                                                                                                                |
| VOLTAGE - INPUT (MIN)            | 4V                                                                                                                    |
| VOLTAGE - INPUT (MAX)            | 15V                                                                                                                   |
| TOPOLOGY                         | Buck                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                |
| SERIES                           | -                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                         |
| OUTPUT TYPE                      | Adjustable                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OTHER NAMES                      | LT1506IS8PBF                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                    |
| NUMBER OF OUTPUTS                | 1                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| FUNCTION                         | Step-Down                                                                                                             |
| FREQUENCY - SWITCHING            | 500kHz                                                                                                                |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 2.42V 1 Output 4.5A 8-SOIC (0.154", 3.90mm Width)                     |
| CURRENT - OUTPUT                 | 4.5A                                                                                                                  |
| BASE PART NUMBER                 | LT1506                                                                                                                |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) LT1506IS8#PBF | LT1506IS8#PBF Distributor           | LT1506IS8#PBF Supplier                       |
| LT1506IS8#PBF Price                      | LT1506IS8#PBF Pictures              | LT1506IS8#PBF Image                          |
| LT1506IS8#PBF PDF Datasheet              | LT1506IS8#PBF Download Datasheet    | LT1506IS8#PBF Datasheet                      |
| LT1506IS8#PBF Stock                      | Buy LT1506IS8#PBF                   | Buy ADI (Analog Devices, Inc.) LT1506IS8#PBF |
| ADI (Analog Devices, Inc.) LT1506IS8#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) LT1506IS8#PBF | AD LT1506IS8#PBF                    | ADI (Analog Devices, Inc.) LT1506IS8#PBF     |
| Analog Devices Inc. LT1506IS8#PBF        | Analog Devices, Inc. LT1506IS8#PBF  |                                              |

Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LT1507CN8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.5A 8DIP<br/>In stock: 25826 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>LT1506IR-SYNC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 4.5A D2PAK<br/>In stock: 13582 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>LT1507CS8</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 1.5A 8SOIC<br/>In stock: 5463 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>LT1507CN8-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 1.5A 8DIP<br/>In stock: 15068 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>LT1506IR-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A D2PAK<br/>In stock: 16378 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LT1506IR-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A D2PAK<br/>In stock: 7335 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>LT1506IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 4.5A 8SOIC<br/>In stock: 14935 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LT1506IR-3.3SYNC#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A D2PAK<br/>In stock: 16305 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LT1506IS8-3.3#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A 8SOIC<br/>In stock: 15458 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LT1506IS8-3.3#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A 8SOIC<br/>In stock: 7864 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>LT1506IR-SYNC#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK ADJ 4.5A D2PAK<br/>In stock: 16518 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>LT1506IR-3.3SYNC#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK 3.3V 4.5A D2PAK<br/>In stock: 14877 pcs<br/><div>RFQ</div></div> |