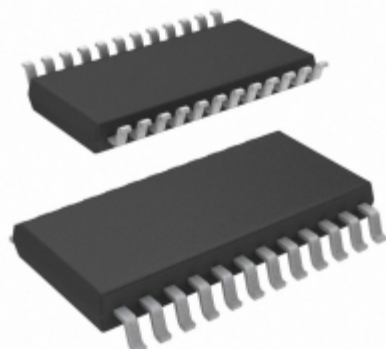


LTC3862IGN#TRPBF





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Part Number: [LTC3862IGN#TRPBF](#)

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

Description: IC REG CTRLR BOOST/SEPIC 24SSOP

Data sheet:  [LTC3862](#)

RoHs Status: Lead free / RoHS Compliant

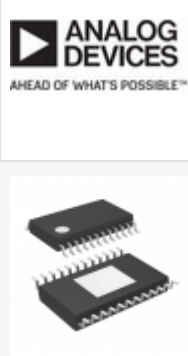
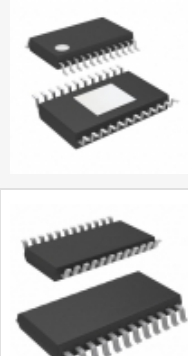
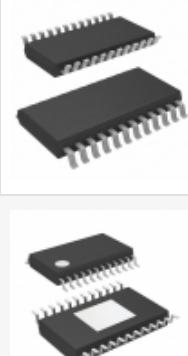
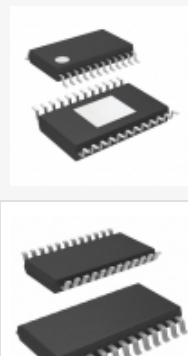
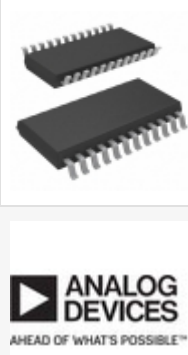
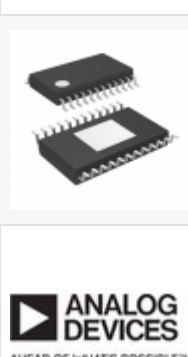
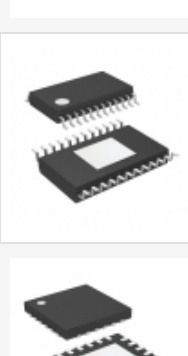
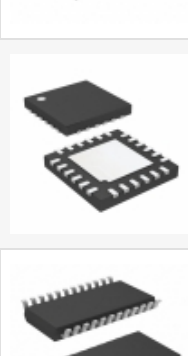
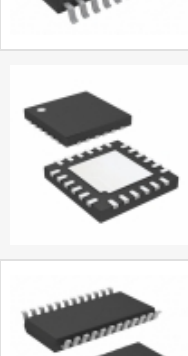
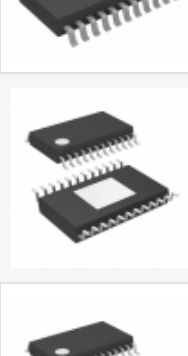
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC3862IGN#TRPBF                                                                              | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                         | IC REG CTRLR BOOST/SEPIC 24SSOP                                                               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                  | 18823 pcs                                                                                     | Data sheet                      | <a href="#">LTC3862</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                                     | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 36 V                                           |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                            | Boost, SEPIC                                                                                  | Synchronous Rectifier           | No                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                             | 24-SSOP                                                                                       | Series                          | -                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                                             | Packaging                       | Tape & Reel (TR)                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                      | 24-SSOP (0.154", 3.90mm Width)                                                                | Output Type                     | Transistor Driver                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                                                                                             | Output Configuration            | Positive                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 125°C (TJ)                                                                            | Number of Outputs               | 2                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                                                                 | Manufacturer Standard Lead Time | 8 Weeks                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                                                    | Function                        | Step-Up, Step-Up/Step-Down                           |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                               | 75kHz ~ 500kHz                                                                                | Duty Cycle (Max)                | 96%                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                | Boost, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 24-SSOP | Control Features                | Enable, Frequency Control, Phase Control, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                           | Base Part Number                | LTC3862                                              |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
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|  | Part#: <a href="#">LTC3862IFE-2#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN-1#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE-1#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE-2</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE</a><br>Description: IC POWER MANAGEMENT                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN-2</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE-1</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IUH#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN-1#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IUH#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24QFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN-2#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IUH</a><br>Description: IC POWER MANAGEMENT                      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IGN-2#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE-1#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IFE-2#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 24TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC3862IUH-1</a><br>Description: IC POWER MANAGEMENT                    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

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