

LTC3787MPGN



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Part Number: [LTC3787MPGN](#)

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

Description: IC POWER MANAGEMENT

Data sheet:

RoHs Status: Contains lead / RoHS non-compliant

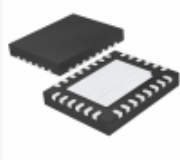
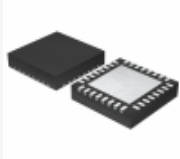
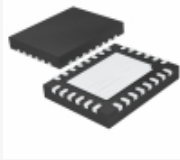
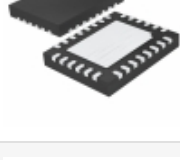
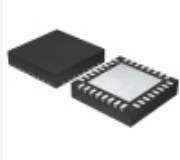
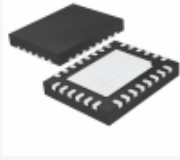
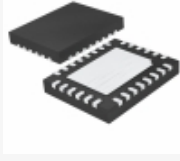
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LTC3787MPGN                                                         | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC POWER MANAGEMENT                                                 | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4113 pcs                                                            | Data sheet                     |                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 38 V                                                     |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Boost                                                               | Synchronous Rectifier          | Yes                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28-SSOP                                                             | Series                         | PolyPhase®                                                       |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                                                   | Packaging                      | Tube                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-SSOP (0.154", 3.90mm Width)                                      | Output Type                    | Transistor Driver                                                |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                   | Output Configuration           | Positive                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -55°C ~ 150°C (TJ)                                                  | Number of Outputs              | 2                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                               | Contains lead / RoHS non-compliant                                  | Function                       | Step-Up                                                          |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 105kHz ~ 760kHz                                                     | Duty Cycle (Max)               | 96%                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Boost Regulator Positive Output Step-Up DC-DC Controller IC 28-SSOP | Control Features               | Current Limit, Enable, Frequency Control, Power Good, Soft Start |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                                                  |                                |                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 4113 pieces of ADI (Analog Devices, Inc.) LTC3787MPGN 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="#">LTC3787HGN#PBF</a><br>Description: IC REG CTRLR BOOST 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3787IUFD#TRPBF</a><br>Description: IC REG CTRLR BOOST 28QFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3787HGN#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3788EUH#TRPBF</a><br>Description: IC REG CTRLR BOOST 32QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3788EGN-1#PBF</a><br>Description: IC REG CTRLR BOOST 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC3787MPUFD#PBF</a><br>Description: IC REG CTRLR BOOST 28QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3788IGN-1#TRPBF</a><br>Description: IC REG CTRLR BOOST 28SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC3787IGN</a><br>Description: IC POWER MANAGEMENT               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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| Related keywords for LTC3787MPGN       |                         |                                        |                                 |
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