

LTC1871XMS#TRPBF



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Part Number: [LTC1871XMS#TRPBF](#)

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

Description: IC REG CTRLR BOOST/SEPIC 10MSOP

Data sheet:

 [LTC1871X Datasheet](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1871XMS#TRPBF                          | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BOOST/SEPIC 10MSOP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 630 pcs                                   | Data sheet                     | <a href="#">LTC1871X Datasheet</a><br><a href="#">Mac OS X Shortcuts</a><br><a href="#">LTspice Flyer</a><br><a href="#">LTspice IV Getting Started Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.5 V ~ 36 V                                                                                                                                                  |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Boost, Flyback, SEPIC                     | Synchronous Rectifier          | Yes                                                                                                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10-MSOP                                   | Series                         | -                                                                                                                                                             |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Packaging                      | Tape & Reel (TR)                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  | Output Type                    | Transistor Driver                                                                                                                                             |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                         | Output Configuration           | Positive                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 175°C (TJ)                        | Number of Outputs              | 1                                                                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                    |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step-Up, Step-Up/Step-Down                | Frequency - Switching          | 50kHz ~ 1MHz                                                                                                                                                  |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 92%                                       | Detailed Description           | Boost, Flyback, SEPIC Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 10-MSOP                                                        |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Frequency Control                         | Clock Sync                     | Yes                                                                                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC1871                                   |                                |                                                                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 630 pieces of ADI (Analog Devices, Inc.) LTC1871XMS#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="#">LTC1871HMS#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1874EGN#TRPBF</a><br>Description: IC REG CTRLR BUCK 16SSOP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871IMS-1#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1873EG#TRPBF</a><br>Description: IC REG CTRLR BUCK 28SSOP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871EMS-7#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1872ES6#TRMPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC SOT23-6  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1872BES6#TRPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC SOT23-6  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871IMS-7#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871XMS#PBF</a><br>Description: IC REG CTRLR BOOST/SEPIC 10MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1871IMS-7#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1875EGN#PBF</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871IMS#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1872BES6#TRMPBF</a><br>Description: IC REG CTRLR BOOST/SEPIC SOT23-6 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871IMS-1#PBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1871HMS#TRPBF</a><br>Description: IC REG CTRLR MULT TOP 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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| Related keywords for LTC1871XMS#TRPBF       |                              |                                             |                                      |
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