

LTC1877IMS8#PBF





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Part Number: [LTC1877IMS8#PBF](#)

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

Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP

Data sheet:  [LTC1877](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC1877IMS8#PBF                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 0.6A SYNC 8MSOP           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 20346 pcs                                 | Data sheet                      | <a href="#">LTC1877</a>                                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.8V                                                                                                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10V                                       | Voltage - Input (Min)           | 2.65V                                                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10V                                       | Topology                        | Buck                                                                                                       |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                       | Supplier Device Package         | 8-MSOP                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                       | Tube                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Output Type                     | Adjustable                                                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                  | Operating Temperature           | -40°C ~ 85°C (TA)                                                                                          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Mounting Type                   | Surface Mount                                                                                              |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Function                        | Step-Down                                                                                                  |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 550kHz                                    | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 600mA 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 600mA                                     | Base Part Number                | LTC1877                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1911EMS8-1.8#PBF</a><br>Description: IC REG SWITCHD CAP 1.8V 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1879EGN#TRPBF</a><br>Description: IC REG BUCK ADJ 1.2A SYNC 16SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1879EGN#PBF</a><br>Description: IC REG BUCK ADJ 1.2A SYNC 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1909-8EG#TRPBF</a><br>Description: IC REG CTRLR BUCK SMBUS 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1877IMS8#TRPBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1877EMS8#PBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1875EGN#TRPBF</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="#">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="#">LTC1909-8EG#PBF</a><br>Description: IC REG CTRLR BUCK SMBUS 28SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1877EMS8#TRPBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1911EMS8-1.5#TRPBF</a><br>Description: IC REG SWITCHD CAP 1.5V 8MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1876EG#PBF</a><br>Description: IC REG CTRLR BUCK 36SSOP              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1876EG#TRPBF</a><br>Description: IC REG CTRLR BUCK 36SSOP            | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1878EMS8#PBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP     | 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="#">LTC1873EG#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP              | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1878EMS8#TRPBF</a><br>Description: IC REG BUCK ADJ 0.6A SYNC 8MSOP   | 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="#">LTC1911EMS8-1.5#PBF</a><br>Description: IC REG SWITCHD CAP 1.5V 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1874EGN#PBF</a><br>Description: IC REG CTRLR BUCK 16SSOP             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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