

LTC1922EN-1#PBF





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Part Number:

LTC1922EN-1#PBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG CTRLR FULL-BRIDGE 20DIP

Data sheet:

 [LTC1922-1](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC1922EN-1#PBF                           | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR FULL-BRIDGE 20DIP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15473 pcs                                 | Data sheet                     | <a href="#">LTC1922-1</a>                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3.8 V ~ 10.3 V                                                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Full-Bridge                               | Synchronous Rectifier          | Yes                                                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20-PDIP                                   | Series                         | -                                                                                                      |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                         | Packaging                      | Tube                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-DIP (0.300", 7.62mm)                   | Output Type                    | Transistor Driver                                                                                      |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Output Configuration           | Positive, Isolation Capable                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of Outputs              | 1                                                                                                      |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                             |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Step-Up/Step-Down                         | Frequency - Switching          | Up to 1MHz                                                                                             |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 99%                                       | Detailed Description           | Full-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 20-PDIP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ramp, Soft Start                          | Clock Sync                     | Yes                                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LTC1922                                   |                                |                                                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1921IMS8#TRPBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1922EG-1#PBF</a><br>Description: IC REG CTRLR FULL-BRIDGE 20SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1922EG-1#TRPBF</a><br>Description: IC REG CTRLR FULL-BRIDGE 20SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1929CG#PBF</a><br>Description: IC REG CTRLR BUCK 28SSOP               | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1923EGN#TRPBF</a><br>Description: IC CONTROLLER TEC HI EFF 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921IS8#PBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1923EGN#PBF</a><br>Description: IC CONTROLLER TEC HI EFF 28SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1923EUH#PBF</a><br>Description: IC THERMOELEC COOLER CNTRLR32QFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921CMS8#PBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1923EUH#TRPBF</a><br>Description: IC THERMOELEC COOLER CNTRLR32QFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921IS8#TRPBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1928ES6-5#TRMPBF</a><br>Description: IC REG SWITCHD CAP 5V 30MA SOT23 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921CS8#PBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1922IN-1#PBF</a><br>Description: IC REG CTRLR FULL-BRIDGE 20DIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1922IG-1#TRPBF</a><br>Description: IC REG CTRLR FULL-BRIDGE 20SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921IMS8#PBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921CS8#TRPBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1921CMS8#TRPBF</a><br>Description: IC DUAL PWR SUPPLY MONITOR 8MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1928ES6-5#TRPBF</a><br>Description: IC REG SWITCHD CAP 5V 30MA SOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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