

LT1910IS8#PBF





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Part Number: [LT1910IS8#PBF](#)

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

Description: IC MOSFET DRIVER HI-SIDE 8-SOIC

Data sheet:  [LT1910 Datasheet](#)  
 [Mac OS X Shortcuts](#)  
 [LTspice Flyer](#)  
 [LTspice IV Getting Started Guide](#)

RoHs Status: Lead free / RoHS Compliant

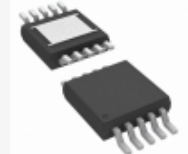
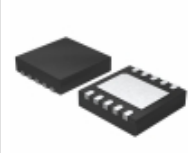
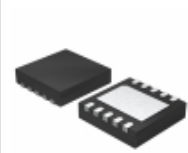
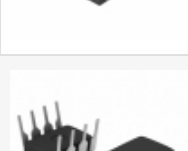
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                               |                                      |                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LT1910IS8#PBF                                 | Manufacturer                         | <a href="#">ADI (Analog Devices, Inc.)</a>                                                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MOSFET DRIVER HI-SIDE 8-SOIC               | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35807 pcs                                     | Data sheet                           | <a href="#">LT1910 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                     | 8 V ~ 48 V                                                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC                                        | Series                               | -                                                                                                                                                           |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                             | Packaging                            | Tube                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-SOIC (0.154", 3.90mm Width)                 | Other Names                          | LT1910IS8PBF                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 125°C (TJ)                            | Number of Drivers                    | 1                                                                                                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                                 | Moisture Sensitivity Level (MSL)     | 1 (Unlimited)                                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12 Weeks                                      | Logic Voltage - VIL, VIH             | 0.7V, 3.5V                                                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                    | Input Type                           | Non-Inverting                                                                                                                                               |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N-Channel MOSFET                              | Driven Configuration                 | High-Side                                                                                                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | High-Side Gate Driver IC Non-Inverting 8-SOIC | Current - Peak Output (Source, Sink) | -                                                                                                                                                           |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Single                                        | Base Part Number                     | LT1910                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                           |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LT1910ES8#TRPBF</a><br>Description: IC MOSFET DRIVER HIGH-SIDE 8SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1912EMSE#TRPBF</a><br>Description: IC REG BUCK ADJ 2A 10MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1913EDD#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1910IS8#TRPBF</a><br>Description: IC MOSFET DRIVER HI-SIDE 8-SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1913IDD#TRPBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LT1884IS8#TRPBF</a><br>Description: IC OPAMP GP 2.2MHZ RRO 8SO       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1886CS8#TRPBF</a><br>Description: IC OPAMP GP 700MHZ 8SO           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1885IS#TRPBF</a><br>Description: IC OPAMP GP 2.2MHZ RRO 14SO       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT18CU1254</a><br>Description: ECCOSTOCK LOK 29.0X280.0MM CONE       | Manufacturers: <a href="#">Laird Technologies</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">LT1885CS#PBF</a><br>Description: IC OPAMP GP 2.2MHZ RRO 14SO         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1885CS#TRPBF</a><br>Description: IC OPAMP GP 2.2MHZ RRO 14SO       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1912EMSE#PBF</a><br>Description: IC REG BUCK ADJ 2A 10MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1886CS8#PBF</a><br>Description: IC OPAMP GP 700MHZ 8SO             | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1885IS#PBF</a><br>Description: IC OPAMP GP 2.2MHZ RRO 14SO         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1920CN8#PBF</a><br>Description: IC OPAMP INSTR 1MHZ 8DIP           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1913IDD#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LT1913EDD#PBF</a><br>Description: IC REG BUCK ADJ 3.5A 10DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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