



LT1158CSW#PBF

|                     |                                         |
|---------------------|-----------------------------------------|
| Part Number:        | LT1158CSW#PBF                           |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)              |
| Product description | IC MOSFET DRVR 1/2BRDG NCH16SOIC        |
|                     | <a href="#">PDF</a> 1.LT1158CSW#PBF.pdf |
|                     | <a href="#">PDF</a> 2.LT1158CSW#PBF.pdf |
|                     | <a href="#">PDF</a> 3.LT1158CSW#PBF.pdf |
|                     | <a href="#">PDF</a> 4.LT1158CSW#PBF.pdf |
| Datasheets:         |                                         |
| RoHs Status         | Lead free / RoHS Compliant              |
| Ship From           | Hong Kong                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                   |

REQUEST FOR QUOTATION

Specifications of LT1158CSW#PBF

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| PART NUMBER                          | LT1158CSW#PBF                                               |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                  |
| DESCRIPTION                          | IC MOSFET DRVR 1/2BRDG NCH16SOIC                            |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                  |
| DATA SHEET                           | <a href="#">PDF</a> 1.LT1158CSW#PBF.pdf                     |
|                                      | <a href="#">PDF</a> 2.LT1158CSW#PBF.pdf                     |
|                                      | <a href="#">PDF</a> 3.LT1158CSW#PBF.pdf                     |
|                                      | <a href="#">PDF</a> 4.LT1158CSW#PBF.pdf                     |
| VOLTAGE - SUPPLY                     | 5 V ~ 30 V                                                  |
| SUPPLIER DEVICE PACKAGE              | 16-SOIC                                                     |
| SERIES                               | -                                                           |
| RISE / FALL TIME (TYP)               | 130ns, 120ns                                                |
| PACKAGING                            | Tube                                                        |
| PACKAGE / CASE                       | 16-SOIC (0.295", 7.50mm Width)                              |
| OTHER NAMES                          | LT1158CSWPBF                                                |
| OPERATING TEMPERATURE                | 0°C ~ 125°C (TJ)                                            |
| NUMBER OF DRIVERS                    | 2                                                           |
| MOUNTING TYPE                        | Surface Mount                                               |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                               |
| MANUFACTURER STANDARD LEAD TIME      | 12 Weeks                                                    |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2V                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                  |
| INPUT TYPE                           | Inverting, Non-Inverting                                    |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 56V                                                         |
| GATE TYPE                            | N-Channel MOSFET                                            |
| DRIVEN CONFIGURATION                 | Half-Bridge                                                 |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Inverting, Non-Inverting 16-SOIC |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 500mA, 500mA                                                |
| CHANNEL TYPE                         | Synchronous                                                 |
| BASE PART NUMBER                     | LT1158                                                      |

Related Tags

|                                          |                                     |                                              |
|------------------------------------------|-------------------------------------|----------------------------------------------|
| ADI (Analog Devices, Inc.) LT1158CSW#PBF | LT1158CSW#PBF Distributor           | LT1158CSW#PBF Supplier                       |
| LT1158CSW#PBF Price                      | LT1158CSW#PBF Pictures              | LT1158CSW#PBF Image                          |
| LT1158CSW#PBF PDF Datasheet              | LT1158CSW#PBF Download Datasheet    | LT1158CSW#PBF Datasheet                      |
| LT1158CSW#PBF Stock                      | Buy LT1158CSW#PBF                   | Buy ADI (Analog Devices, Inc.) LT1158CSW#PBF |
| ADI (Analog Devices, Inc.) LT1158CSW#PBF | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor       |
| ADI (Analog Devices, Inc.) LT1158CSW#PBF | AD LT1158CSW#PBF                    | ADI (Analog Devices, Inc.) LT1158CSW#PBF     |
| Analog Devices Inc. LT1158CSW#PBF        | Analog Devices, Inc. LT1158CSW#PBF  |                                              |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>LT1158ISW#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR 1/2BRDG NCH 16SOIC<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>LT1158CSW#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC LDO REG W/SD 5V 16-SOIC<br/>In stock: Out stock</p> <p>RFQ</p>     |
| <p><b>LT1160CS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC PWR MOSFET DRIVER N-CH 14SOIC<br/>In stock: Out stock</p> <p>RFQ</p>    | <p><b>LT1160CN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC PWR MOSFET DRIVER N-CH 14-DIP<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>LT1158ISW#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DRVR 1/2BRDG NCH16SOIC<br/>In stock: Out stock</p> <p>RFQ</p>   | <p><b>LT1140ACSW#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TXRX 5/3 RS232 FULL 24SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>LT1158CN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DRVR 1/2BRDG NCH 16DIP<br/>In stock: 459 pcs</p> <p>RFQ</p>      | <p><b>LT1141ACSW#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TXRX 3/5 FULL RS232 24SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>LT1158IN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR 1/2BRDG NCH 16DIP<br/>In stock: 277 pcs</p> <p>RFQ</p>       | <p><b>LT1141ACN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TXRX 3/5 FULL RS232 24DIP<br/>In stock: Out stock</p> <p>RFQ</p>     |
| <p><b>LT1140ACSW#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TXRX 5/3 RS232 FULL 24SOIC<br/>In stock: Out stock</p> <p>RFQ</p>     | <p><b>LT1141ACSW#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC TXRX 3/5 FULL RS232 24SOIC<br/>In stock: Out stock</p> <p>RFQ</p>   |