





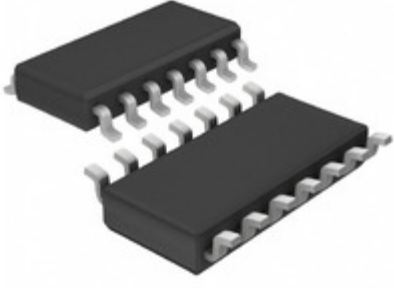




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|--|---|
| <br><b>ANALOG DEVICES</b><br>AHEAD OF WHAT'S POSSIBLE™                                | <b>LT1160IS#TRPBF</b>   |
|  | <b>Manufacturer Part Number:</b> LT1160IS#TRPBF<br><b>Manufacturer/Brand:</b> ADI (Analog Devices, Inc.)<br><b>Part of Description:</b> IC PWR MOSFET DRIVER N-CH 14SOIC<br><b>Datasheets:</b> <ul style="list-style-type: none"> <li> <a href="#">1.LT1160IS#TRPBF.pdf</a></li> <li> <a href="#">2.LT1160IS#TRPBF.pdf</a></li> <li> <a href="#">3.LT1160IS#TRPBF.pdf</a></li> <li> <a href="#">4.LT1160IS#TRPBF.pdf</a></li> <li> <a href="#">5.LT1160IS#TRPBF.pdf</a></li> </ul> |
| <br> | <b>RoHs Status:</b>  Lead free / RoHS  |
|  | <b>Stock Condition:</b> New original, <sup>Compliant</sup> Stock Available.   |
|  | <b>Ship From:</b> Hong Kong<br><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS   |
| Image may be representation. See specs for product details.  |   |

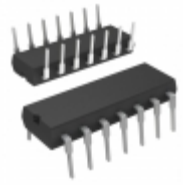







### Specifications

|                                      |  |
|--------------------------------------|--|
| Part Number                          | LT1160IS#TRPBF                                   |
| Manufacturer                         | ADI (Analog Devices, Inc.)                       |
| Description                          | IC PWR MOSFET DRIVER N-CH 14SOIC                 |
| Category                             | Integrated Circuits (ICs) > PMIC - Gate Drivers  |
| Part Status                          | Require For Quote & Check Stock                  |
| Voltage - Supply                     | 10 V ~ 15 V                                      |
| Supplier Device Package              | 14-SOIC  |
| Series                               | -  |
| Rise / Fall Time (Typ)               | 130ns, 60ns                                      |
| Packaging                            | Tape & Reel (TR)                                 |
| Package / Case                       | 14-SOIC (0.154", 3.90mm Width)                   |
| Operating Temperature                | -40°C ~ 125°C (TJ)                               |
| Number of Drivers                    | 2  |
| Mounting Type                        | Surface Mount                                    |
| Moisture Sensitivity Level (MSL)     | 1 (Unlimited)                                    |
| Manufacturer Standard Lead Time      | 8 Weeks  |
| Logic Voltage - VIL, VIH             | 0.8V, 2V   |
| Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                       |
| Input Type                           | Non-Inverting                                    |
| High Side Voltage - Max (Bootstrap)  | 60V  |
| Gate Type                            | N-Channel MOSFET                                 |
| Driven Configuration                 | Half-Bridge                                      |
| Detailed Description                 | Half-Bridge Gate Driver IC Non-Inverting 14-SOIC |
| Current - Peak Output (Source, Sink) | 1.5A, 1.5A                                       |
| Channel Type                         | Independent                                      |
| Base Part Number                     | LT1160   |

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| <br><b>LT1160IS#TRPBF</b><br>Linear Technology<br>IC PWR MOSFET DRIVER N-CH<br>14SOIC             | <br><b>LT1160IS#PBF</b><br>Linear Technology<br>IC PWR MOSFET DRIVER N-CH<br>14SOIC | <br><b>LT1161CN#PBF</b><br>ADI (Analog Devices, Inc.)<br>IC MOSFET DRIVER N-CH QUAD<br>20DIP | <br><b>LT1161CN#PBF</b><br>Linear Technology<br>IC MOSFET DRIVER N-CH QUAD<br>20DIP |

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ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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