

LM5100AMX/NOPB



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Part Number: [LM5100AMX/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC DVR HALF-BRIDGE HV 8-SOIC](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

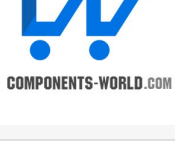
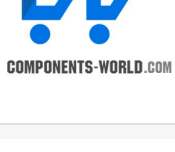
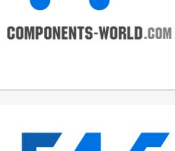
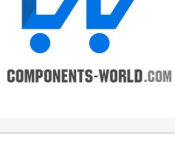
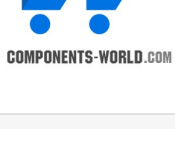
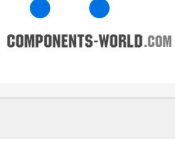
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | LM5100AMX/NOPB                            | Manufacturer                     | N/A                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC DVR HALF-BRIDGE HV 8-SOIC              | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 62766 pcs                                 | Data sheet                       |                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 9 V ~ 14 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC                                    | Series                           | -                                                                              |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                     | 430ns, 260ns                              | Packaging                        | Tape & Reel (TR)                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 8-SOIC (0.154", 3.90mm Width)             | Other Names                      | 296-35303-2<br>LM5100AMX<br>LM5100AMX-ND<br>LM5100AMX/NOPB-ND<br>LM5100AMXNOPB |
| 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                                                                                                                                                                                                                                                                                                                                                                                            | 14 Weeks                                  | Logic Voltage - VIL, VIH         | 2.3V, -                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Input Type                       | Non-Inverting                                                                  |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                        | 118V                                      | Gate Type                        | N-Channel MOSFET                                                               |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                       | Half-Bridge                               | Detailed Description             | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC                                |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                       | 3A, 3A                                    | Channel Type                     | Independent                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | LM5100                                    |                                  |                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM5100ASDX</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50CIM3/NOPB</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100ASDX/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100ASD</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BSD/NOPB</a><br>Description: <a href="#">IC DRIVER HALF-BRIDGE HV 10WSON</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50CIM3X/NOPB</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BMA</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BMAX</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BSD</a><br>Description: <a href="#">IC DRIVER HALF-BRIDGE HV 10WSON</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100ASD/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100AMRX/NOPB</a><br>Description: <a href="#">IC DRIVER HALF-BRIDGE HV 8SOPWR</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50CIM3X</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100AMR/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8SOPWRPAD</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50CIM3</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BMAX/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100AM</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100AM/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50QIM3/NOPB</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM50QIM3X/NOPB</a><br>Description: <a href="#">SENSOR ANALOG -40C-125C SOT23-3</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100BMA/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-SOIC</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for <b>LM5100AMX/NOPB</b> |                            |                         |                      |
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