

LM5101AM



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Part Number: [LM5101AM](#)

Manufacturer: [N/A](#)

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

Data sheet:

RoHs Status: [Contains lead / RoHS non-compliant](#)

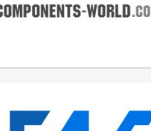
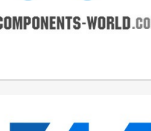
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                         | LM5101AM                                  | Manufacturer                   | N/A                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                         | IC DVR HALF-BRIDGE HV 8-SOIC              | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                  | 5977 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                      | Tube                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                      | 8-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)                             | Logic Voltage - VIL, VIH       | 2.3V, -                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                      | Contains lead / RoHS non-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                                                                                                                                                                                                                                                                                                                                                                                                    | LM5101                                    |                                |                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM5100CMYX/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRDG HV 8-EMSOP</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5101AMR/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="#">LM5100CSD</a><br>Description: <a href="#">IC DRIVER HALF-BRIDGE HV 10WSON</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5101AM/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="#">LM5100MX/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="#">LM5100M/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="#">LM5101AMRX/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="#">LM5101ASD</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100CSD/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="#">LM5100CMYE/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8-EMSOP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100MX</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="#">LM5101ASDX</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 10WSON</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100SD/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="#">LM5100CSDX/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="#">LM5101ASDX-1/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8WSON</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5101AMX</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="#">LM5101ASD/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="#">LM5101ASD-1/NOPB</a><br>Description: <a href="#">IC DVR HALF-BRIDGE HV 8WSON</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM5100CSDX</a><br>Description: <a href="#">IC DRIVER HALF-BRIDGE HV 10WSON</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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