

LM4937RLX/NOPB



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Part Number: [LM4937RLX/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC AUDIO SUBSYSTM 1.25W 36DSBGA](#)

Data sheet:

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

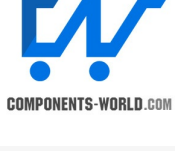
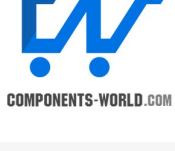
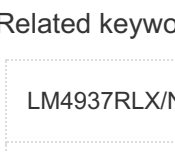
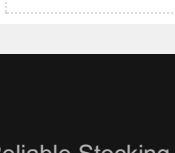
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |                                  |                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM4937RLX/NOPB                                                                                      | Manufacturer                     | N/A                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC AUDIO SUBSYSTM 1.25W 36DSBGA                                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 5692 pcs                                                                                            | Data sheet                       |                                                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                           | Voltage - Supply                 | 2.7 V ~ 5.5 V                                                                              |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                      | Class AB                                                                                            | Supplier Device Package          | 36-DSBGA (3.5x3.24)                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | Boomer®                                                                                             | Packaging                        | Tape & Reel (TR)                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                            | 36-WFBGA, DSBGA                                                                                     | Output Type                      | 1-Channel (Mono) with Mono and Stereo Headphones                                           |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                               | LM4937RLX<br>LM4937RLX-ND                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                                                                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                              |
| Max Output Power x Channels @ Load                                                                                                                                                                                                                                                                                                                                                                                        | 1.25W x 1 @ 8 Ohm; 80mW x 2 @ 32 Ohm                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                 |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                  | Depop, Differential Inputs, I <sup>2</sup> C, I <sup>2</sup> S, Mute, Shutdown, SPI, Volume Control | Detailed Description             | Amplifier IC 1-Channel (Mono) with Mono and Stereo Headphones Class AB 36-DSBGA (3.5x3.24) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | LM4937                                                                                              |                                  |                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                                        |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM4940TSX/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 6W STER TO263-9</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4936MHX/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 2.2W AB 28TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4935RLEVAL</a><br>Description: <a href="#">BOARD EVAL FOR LM4935</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49370RLEVAL</a><br>Description: <a href="#">BOARD EVALUATION LM49370RL</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49377TL/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.25W 36USMD</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4940TS/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 6W STER TO263-9</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4937RL/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.25W 36DSBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4938MH/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 2.2W AB 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4940TSBD/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR LM4940</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49370RLEVAL/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR LM49370RL</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4937TLX/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.25W 36USMD</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4936MH/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 2.2W AB 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4940TSBD/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR LM4940</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49370RLEVAL/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR LM49370RL</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4937TLX/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.25W 36USMD</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4936MH/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 2.2W AB 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49370RLX/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.2W 49DSBGA</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49377TLEVAL</a><br>Description: <a href="#">BOARD EVAL FOR LM4937</a>             | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4940TSBD</a><br>Description: <a href="#">BOARD EVALUATION LM4940TS</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4941SD/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 1.54W MONO 8SON</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4938MHX/NOPB</a><br>Description: <a href="#">IC AMP AUDIO PWR 2.2W AB 28TSSOP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4935RLX/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.3W 49DSBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM4936MHEVAL</a><br>Description: <a href="#">BOARD EVALUATION LM4936MH</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM49370RL/NOPB</a><br>Description: <a href="#">IC AUDIO SUBSYSTEM 1.2W 49DSBGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for LM4937RLX/NOPB |                            |                         |                      |
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