

LM2940IMP-12/NOPB



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Part Number: [LM2940IMP-12/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC REG LINEAR 12V 1A SOT223-4](#)

Data sheet:

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

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      |                                  |                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | LM2940IMP-12/NOPB                                                    | Manufacturer                     | N/A                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC REG LINEAR 12V 1A SOT223-4                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 56944 pcs                                                            | Data sheet                       |                                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage Dropout (Max)            | 1V @ 1A                                                         |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                  | 12V                                                                  | Voltage - Output (Max)           | -                                                               |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                         | 26V                                                                  | Supplier Device Package          | SOT-223-4                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                    | Protection Features              | Over Current, Over Temperature, Reverse Polarity, Short Circuit |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                                                     | Package / Case                   | TO-261-4, TO-261AA                                              |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                          | 66dB (120Hz)                                                         | Output Type                      | Fixed                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                          | Positive                                                             | Other Names                      | LM2940IMP-12/NOPBTR<br>LM2940IMP12NOPB                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C                                                         | Number of Regulators             | 1                                                               |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                 | Surface Mount                                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                               | 12 Weeks                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                          | Linear Voltage Regulator IC Positive Fixed 1 Output 12V 1A SOT-223-4 | Current - Supply (Max)           | 15mA                                                            |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                      | 10mA                                                                 | Current - Output                 | 1A                                                              |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                    | Base Part Number                 | LM2940                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM2940IMP-5.0</a><br>Description: <a href="#">IC REG LINEAR 5V 1A SOT223-4</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-15/NOPB</a><br>Description: <a href="#">IC REG LINEAR 15V 1A SOT223-4</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-15</a><br>Description: <a href="#">IC REG LINEAR 15V 1A TO220-3</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-15</a><br>Description: <a href="#">IC REG LINEAR 15V 1A SOT223-4</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMPX-10/NOPB</a><br>Description: <a href="#">IC REG LINEAR 10V 1A SOT223-4</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-12</a><br>Description: <a href="#">IC REG LINEAR 12V 1A SOT223-4</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-8.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 8V 1A SOT223-4</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMPX-12</a><br>Description: <a href="#">IC REG LINEAR 12V 1A SOT223-4</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-9.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 9V 1A SOT223-4</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-9.0</a><br>Description: <a href="#">IC REG LINEAR 9V 1A SOT223-4</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-9.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 9V 1A TO220-3</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-9.0</a><br>Description: <a href="#">IC REG LINEAR 9V 1A TO220-3</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-5.0</a><br>Description: <a href="#">IC REG LINEAR 5V 1A TO220-3</a>         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 1A SOT223-4</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-5.0/LF01</a><br>Description: <a href="#">IC REG LINEAR 5V 1A TO220-3</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMPX-10</a><br>Description: <a href="#">IC REG LINEAR 10V 1A SOT223-4</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-5.0/NOPB</a><br>Description: <a href="#">IC REG LINEAR 5V 1A TO220-3</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940CT-15/NOPB</a><br>Description: <a href="#">IC REG LINEAR 15V 1A TO220-3</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM2940IMP-10/NOPB</a><br>Description: <a href="#">IC REG LINEAR 10V 1A SOT223-4</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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