

LM2940CSX-5.0



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Part Number: [LM2940CSX-5.0](#)

Manufacturer: [N/A](#)

Description: [IC REG LIN 5V 1A DDPAK/TO263-3](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM2940CSX-5.0                             | Manufacturer                     | N/A                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LIN 5V 1A DDPAK/TO263-3            | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                        | 73078 pcs                                 | Data sheet                       |                                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.8V @ 1A                                                                |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                              | 5V                                        | Voltage - Output (Max)           | -                                                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                     | 26V                                       | Supplier Device Package          | DDPAK/TO-263-3                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Protection Features              | Over Current, Over Temperature, Reverse Polarity, Short Circuit          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                   | TO-263-4, D <sup>2</sup> Pak (3 Leads + Tab), TO-263AA                   |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                      | 64dB (120Hz)                              | Output Type                      | Fixed                                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                  | Other Names                      | LM2940CSX-5.0TR                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 125°C                               | Number of Regulators             | 1                                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                            | Contains lead / RoHS non-compliant        | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 1A DDPAK/TO-263-3 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                    | 15mA                                      | Current - Quiescent (Iq)         | 10mA                                                                     |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                          | 1A                                        | Control Features                 | -                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                          | LM2940                                    |                                  |                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                                          |                                    |                |
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|  | Part#: <a href="#">LM2940CS-15/NOPB</a><br>Description: <a href="#">IC REG LIN 15V 1A DDPAK/TO263-3</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="#">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> |
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|  | Part#: <a href="#">LM2940CSX-5.0/NOPB</a><br>Description: <a href="#">IC REG LIN 5V 1A DDPAK/TO263-3</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="#">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="#">LM2940CS-9.0</a><br>Description: <a href="#">IC REG LIN 9V 1A DDPAK/TO263-3</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> |
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|  | Part#: <a href="#">LM2940CSX-15</a><br>Description: <a href="#">IC REG LIN 15V 1A DDPAK/TO263-3</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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