

LE80CD-TR





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Part Number: [LE80CD-TR](#)

Manufacturer: [STMicroelectronics](#)

Description: IC REG LINEAR 8V 100MA 8SO

Data sheet:  [LExxAB,C](#)

RoHs Status: Lead free / RoHS Compliant

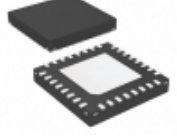
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LE80CD-TR                                 | Manufacturer                     | <a href="#">STMicroelectronics</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC REG LINEAR 8V 100MA 8SO                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 223997 pcs                                | Data sheet                       | <a href="#">LExxAB,C</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.5V @ 100mA                                                      |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8V                                        | Voltage - Output (Max)           | -                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18V                                       | Supplier Device Package          | 8-SO                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Protection Features              | Over Current, Over Temperature                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tape & Reel (TR)                          | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                                     |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 72dB ~ 57dB (120Hz ~ 10kHz)               | Output Type                      | Fixed                                                             |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                         | Positive                                  | Other Names                      | 497-5220-2<br>LE80CD-TR-ND<br>LE80CDTR                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 125°C                             | Number of Regulators             | 1                                                                 |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 8V 100mA 8-SO |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3.6mA                                     | Current - Quiescent (Iq)         | 1.6mA                                                             |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100mA                                     | Control Features                 | Enable                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | LE80                                      |                                  |                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                   |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------|----------------|
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|  | Part#: <a href="#">LE80CZ</a><br>Description: IC REG LINEAR 8V 100MA TO92-3        | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LE87220KQC</a><br>Description: IC LINE DRIVER 2CH ADSL+ 24QFN   | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LE87282MQC</a><br>Description: IC LINE DRIVER 2CH 16QFN         | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LE87250ALQC</a><br>Description: IC LINE DRIVER 2CH ADSL+ 24QFN  | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LE8577LFJC</a><br>Description: IC SLIC 2CH 58 DB LG BAL 44PLCC  | Manufacturers: <a href="#">Microsemi</a>          | <div>RFQ</div> |
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