

LD6806F/23H,115



Part Number: [LD6806F/23H,115](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC REG LINEAR 2.3V 200MA 6-XSON

Data sheet:  [LD6806 Series](#)

RoHs Status: Lead free / RoHS Compliant

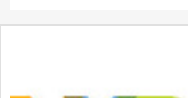
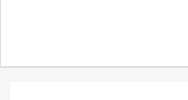
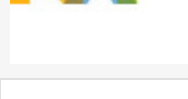
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | LD6806F/23H,115                           | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 2.3V 200MA 6-XSON           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 5178 pcs                                  | Data sheet                       | <a href="#">LD6806 Series</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.13V @ 200mA                                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                              | 2.3V                                      | Voltage - Output (Max)           | -                                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5V                                      | Supplier Device Package          | 6-XSON, SOT886 (1.45x1)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Protection Features              | Over Current, Over Temperature                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cut Tape (CT)                             | Package / Case                   | 6-XDFN                                                                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                      | 55dB (1kHz)                               | Output Type                      | Fixed                                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                  | Other Names                      | 568-8435-1                                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°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 2.3V 200mA 6-XSON, SOT886 (1.45x1) |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                    | 250µA                                     | Current - Quiescent (Iq)         | 100µA                                                                                  |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                          | 200mA                                     | Control Features                 | Enable                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | LD6806                                    |                                  |                                                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5178 pieces of NXP Semiconductors / Freescale LD6806F/23H,115 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                                        |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">LD6806F/16H,115</a><br>Description: IC REG LINEAR 1.6V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/18P,115</a><br>Description: IC REG LINEAR 1.8V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/22P,115</a><br>Description: IC REG LINEAR 2.2V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/29H,115</a><br>Description: IC REG LINEAR 2.9V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/22H,115</a><br>Description: IC REG LINEAR 2.2V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/25P,115</a><br>Description: IC REG LINEAR 2.5V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/30H,115</a><br>Description: IC REG LINEAR 3V 200MA 6-XSON   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/20H,115</a><br>Description: IC REG LINEAR 2V 200MA 6-XSON   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/27P,115</a><br>Description: IC REG LINEAR 2.7V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/29P,115</a><br>Description: IC REG LINEAR 2.9V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/27H,115</a><br>Description: IC REG LINEAR 2.7V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/28P,115</a><br>Description: IC REG LINEAR 2.8V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/16P,115</a><br>Description: IC REG LINEAR 1.6V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/20P,115</a><br>Description: IC REG LINEAR 2V 200MA 6-XSON   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/25H,115</a><br>Description: IC REG LINEAR 2.5V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/21P,115</a><br>Description: IC REG LINEAR 2.1V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6806F/21HX</a><br>Description: IC REG LINEAR 2.1V 200MA 6-XSON    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6806F/28H,115</a><br>Description: IC REG LINEAR 2.8V 200MA 6-XSON | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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Related keywords for LD6806F/23H,115

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