

LD6816CX4/21P,315



Part Number: [LD6816CX4/21P,315](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC REG LINEAR 2.1V 150mA 4WLCSP

Data sheet:  [LD6816 Series](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                 | LD6816CX4/21P,315                         | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG LINEAR 2.1V 150mA 4WLCSP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 5810 pcs                                  | Data sheet                       | <a href="#">LD6816 Series</a>                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.075V @ 150mA                                                                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                | 2.1V                                      | Voltage - Output (Max)           | -                                                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.5V                                      | Supplier Device Package          | 4-WLCSP (0.76x0.76)                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Protection Features              | Over Current, Over Temperature, Transient Voltage                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                          | Package / Case                   | 4-XFBGA, WLCSP                                                                     |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                        | 55dB (1kHz)                               | Output Type                      | Fixed                                                                              |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                  | Other Names                      | 934066798315                                                                       |
| 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 2.1V 150mA 4-WLCSP (0.76x0.76) |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 250µA                                     | Current - Quiescent (Iq)         | 100µA                                                                              |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                            | 150mA                                     | Control Features                 | Enable                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | LD6816                                    |                                  |                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                               |                |
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|  | Part#: <a href="#">LD6816CX4/20H,315</a><br>Description: IC REG LINEAR 2V 150mA 4WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6816CX4/28P,315</a><br>Description: IC REG LINEAR 2.8V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6816CX4/16P,315</a><br>Description: IC REG LINEAR 1.6V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LD6816CX4/13P,315</a><br>Description: IC REG LINEAR 1.3V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6816CX4/18H,315</a><br>Description: IC REG LINEAR 1.8V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6816CX4/27H,315</a><br>Description: IC REG LINEAR 2.7V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LD6816CX4/25H,315</a><br>Description: IC REG LINEAR 2.5V 150mA 4WLCSP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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