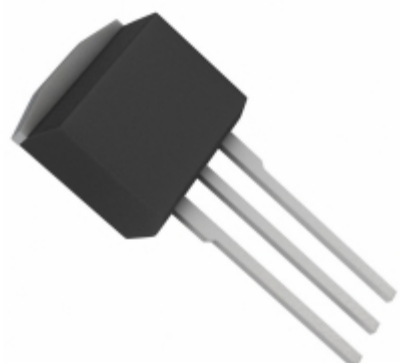


BUK148-50DL,127



**Part Number:** [BUK148-50DL,127](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** MOSFET N-CH 50V 8A I2PAK

**Data sheet:**  [BUK148-50DL](#)

**RoHs Status:** Lead free / RoHS Compliant

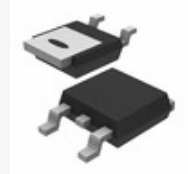
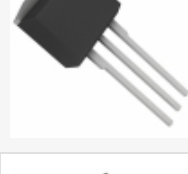
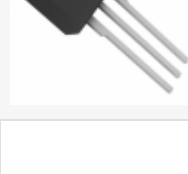
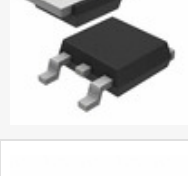
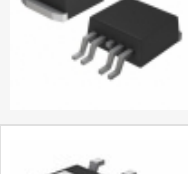
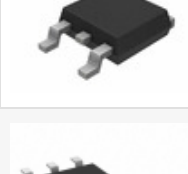
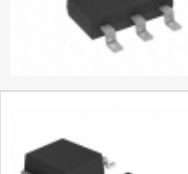
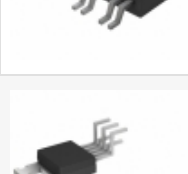
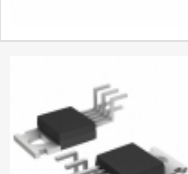
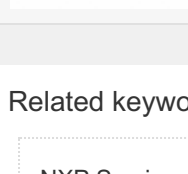
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                  |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BUK148-50DL,127                                          | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MOSFET N-CH 50V 8A I2PAK                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3996 pcs                                                 | Data sheet                       | <a href="#">BUK148-50DL</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)       | Not Required                                   |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 50V (Max)                                                | Switch Type                      | General Purpose                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | I2PAK                                                    | Series                           | TOPFET™                                        |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 68 mOhm                                                  | Ratio - Input:Output             | 1:1                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                                     | Package / Case                   | TO-262-3 Long Leads, I²Pak, TO-262AA           |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N-Channel                                                | Output Configuration             | Low Side                                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 934056733127<br>BUK148-50DL<br>BUK148-50DL-ND            | Operating Temperature            | 150°C (TJ)                                     |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                               | Interface                        | On/Off                                         |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Non-Inverting                                            | Features                         | -                                              |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Current Limiting (Fixed), Over Temperature, Over Voltage | Current - Output (Max)           | 8A                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BUK1                                                     |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">BUK1M200-50SDLD,11</a><br>Description: TOPFET QUAD 50V 20-SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK138-50DL/C1,118</a><br>Description: MOSFET N-CH 50V 8A DPAK    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK1M200-50SGTD,11</a><br>Description: TOPFET QUAD 50V 20-SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK129-50DL,118</a><br>Description: MOSFET N-CH 50V 16A D2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK138-50DL,118</a><br>Description: MOSFET N-CH 50V 8A DPAK       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK149-50DL,127</a><br>Description: MOSFET N-CH 50V 16A I2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK128-50DL,118</a><br>Description: MOSFET N-CH 50V 8A D2PAK      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK150-50DL,127</a><br>Description: MOSFET N-CH 50V 20A I2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK1M200-50SGTD,51</a><br>Description: MOSFET N-CH 50V 20SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK139-50DL,118</a><br>Description: MOSFET N-CH 50V 16A DPAK      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK136-50L,118</a><br>Description: TOPFET LOGIC LVL 50V D2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK130-50DL,118</a><br>Description: MOSFET N-CH 50V 20A D2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK1M200-50SDLD,51</a><br>Description: MOSFET N-CH 50V 20SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK205-50Y,118</a><br>Description: IC TOPFET HIGH SIDE SW D2PAK   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK139-50DL/C1,118</a><br>Description: MOSFET N-CH 50V 16A DPAK   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK127-50GT,115</a><br>Description: TOPFET LOGIC LVL 50V SOT-223  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK204-50Y,118</a><br>Description: IC TOPFET HIGH SIDE SW D2PAK   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK208-50Y,127</a><br>Description: MOSFET N-CH 50V 8.5A SOT263    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK135-50L,118</a><br>Description: TOPFET LOGIC LVL 50V D2PAK     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">BUK202-50Y,127</a><br>Description: IC TOPFET HIGH SIDE SW TO220-5 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

| Related keywords for BUK148-50DL,127           |                                    |                           |                                               |
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