

NX5P2924BUKZ



Part Number: [NX5P2924BUKZ](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC LOAD SWITCH HI SD 2.5A 9WLCSP

Data sheet:  [NX5P2924B](#)

RoHs Status: Lead free / RoHS Compliant

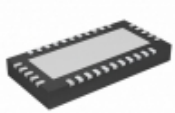
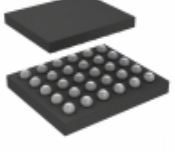
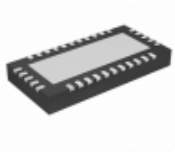
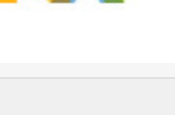
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                            |                                  |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NX5P2924BUKZ                               | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC LOAD SWITCH HI SD 2.5A 9WLCSP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 215059 pcs                                 | Data sheet                       | <a href="#">NX5P2924B</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | Not Required                                   |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.8 V ~ 5.5 V                              | Switch Type                      | General Purpose                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6-WLCSP (0.87x1.37)                        | Series                           | NX5                                            |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14 mOhm                                    | Ratio - Input:Output             | 1:1                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                           | Package / Case                   | 6-XFBGA, WLCSP                                 |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N-Channel                                  | Output Configuration             | High Side                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 568-11381-2<br>935302664012<br>NX5P2924BUK | Operating Temperature            | -40°C ~ 125°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                         | Load Discharge, Slew Rate Controlled           |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                          | Current - Output (Max)           | 2.5A                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NX5P2924                                   |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NX5DV715HF,118</a><br>Description: IC VGA SWITCH 32HWQFN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P1100UKZ</a><br>Description: IC POWER SWITCH HI SIDE 12WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3201CUKAZ</a><br>Description: NX5P3201CUK/UNCASED/REEL7 IN Q2/ | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3201CUKZ</a><br>Description: IC USB SWITCH HI SD 3A 30WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2553GVH</a><br>Description: IC LOAD SWITCH SC74                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2553GU6Z</a><br>Description: IC POWER SWITCH PREC 6HXSON       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3363UKZ</a><br>Description: 5V TYPE-C LOAD SWITCH              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3290UKZ</a><br>Description: IC USB POWER SWITCH 16WLCSP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2924UKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3001UKZ</a><br>Description: IC LOAD SWITCH HI SIDE 12WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2190UKZ</a><br>Description: IC ADV PWR SWITCH HI SIDE 9WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5DV713HF,118</a><br>Description: IC VGA SWITCH 10F2 DUAL 32HWQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3190UKZ</a><br>Description: 3A CCL SWITCH W/ CC LOGIC          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2090UKZ</a><br>Description: IC PWR SWITCH HS USB OTG 9WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2553GUZ</a><br>Description: IC POWER SWITCH PREC 6HXSON        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P1000UKZ</a><br>Description: IC POWER SWITCH HI SIDE 12WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2924CUKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P2925CUKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5L2750CGUX</a><br>Description: IC ANALOG SWITCH SPDT 10XQFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NX5P3090UKZ</a><br>Description: IC PWR SWITCH 1:1 12WLCSP          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

| Related keywords for NX5P2924BUKZ           |                                 |                        |                                            |
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