

NX5P2553GVH



Part Number: [NX5P2553GVH](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC LOAD SWITCH SC74

Data sheet:  [NX5P2553](#)

RoHs Status: Lead free / RoHS Compliant

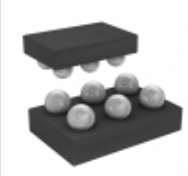
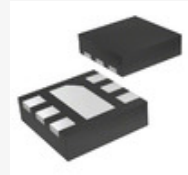
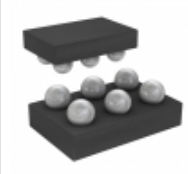
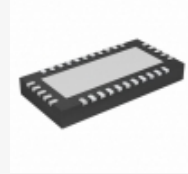
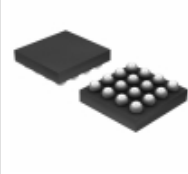
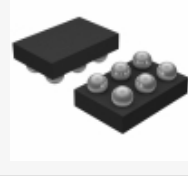
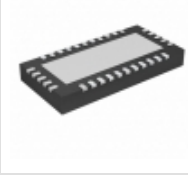
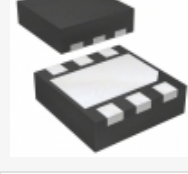
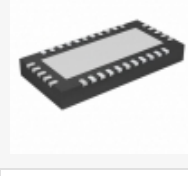
Ship From: Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NX5P2553GVH                                           | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC LOAD SWITCH SC74                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3984 pcs                                              | Data sheet                       | <a href="#">NX5P2553</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Supply (Vcc/Vdd)       | Not Required                                   |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.5 V ~ 5.5 V                                         | Switch Type                      | General Purpose                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6-TSOP                                                | Series                           | -                                              |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 95 mOhm                                               | Ratio - Input:Output             | 1:1                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                                      | Package / Case                   | SC-74, SOT-457                                 |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N-Channel                                             | Output Configuration             | High Side                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 568-12486-2<br>935302395125                           | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| 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                         | Status Flag                                    |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Limiting (Adjustable), Over Temperature, UVLO | Current - Output (Max)           | 1.5A                                           |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NX5P2924UKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2553GUZ</a><br>Description: IC POWER SWITCH PREC 6HXSON         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2924BUKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 9WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3201CUKZ</a><br>Description: IC USB SWITCH HI SD 3A 30WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3001UKZ</a><br>Description: IC LOAD SWITCH HI SIDE 12WLCSP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5DV713HF,118</a><br>Description: IC VGA SWITCH 10F2 DUAL 32HWQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3290UKZ</a><br>Description: IC USB POWER SWITCH 16WLCSP         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3190UKZ</a><br>Description: 3A CCL SWITCH W/ CC LOGIC           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2190UKZ</a><br>Description: IC ADV PWR SWITCH HI SIDE 9WLCSP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3090UKZ</a><br>Description: IC PWR SWITCH 1:1 12WLCSP           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P1000UKZ</a><br>Description: IC POWER SWITCH HI SIDE 12WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P3201CUKAZ</a><br>Description: NX5P3201CUK/UNCASED/REEL7 IN Q2/  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2090UKZ</a><br>Description: IC PWR SWITCH HS USB OTG 9WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2924CUKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5DV715HF,118</a><br>Description: IC VGA SWITCH 32HWQFN            | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2553GU6Z</a><br>Description: IC POWER SWITCH PREC 6HXSON        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P2925CUKZ</a><br>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5DV713EHF,118</a><br>Description: IC VGA SWITCH 10F2 DUAL 32HWQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5L2750CGUX</a><br>Description: IC ANALOG SWITCH SPDT 10XQFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NX5P1100UKZ</a><br>Description: IC POWER SWITCH HI SIDE 12WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

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| NXP USA Inc. NX5P2553GVH                   |                                |                       |                                           |