

NX5P2090UKZ

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NX5P2090UKZ                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                    |
| Product description | IC PWR SWITCH HS USB OTG 9WLCSP                                                                                   |
| Datasheets:         |  <a href="#">NX5P2090UKZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

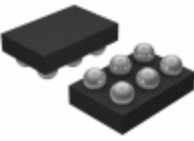
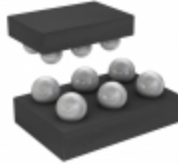
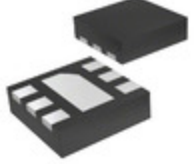
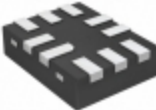
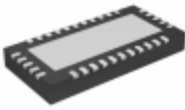
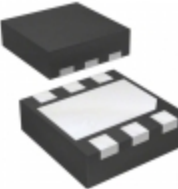
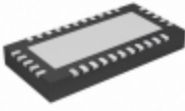
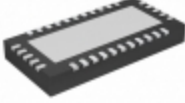
Specifications of NX5P2090UKZ

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NX5P2090UKZ                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                      |
| DESCRIPTION                      | IC PWR SWITCH HS USB OTG 9WLCSP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| DATA SHEET                       |  <a href="#">NX5P2090UKZ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                        |
| VOLTAGE - LOAD                   | 3 V ~ 5.5 V                                                                                                         |
| SWITCH TYPE                      | USB Switch                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 9-WLCSP (1.3x1.3)                                                                                                   |
| SERIES                           | NX5                                                                                                                 |
| RDS ON (TYP)                     | 60 mOhm                                                                                                             |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                   | 9-UFBGA, WLCSP                                                                                                      |
| OUTPUT TYPE                      | N-Channel                                                                                                           |
| OUTPUT CONFIGURATION             | High Side                                                                                                           |
| OTHER NAMES                      | 568-11384-2<br>935301041012<br>NX5P2090UK,012                                                                       |
| 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                         | Slew Rate Controlled                                                                                                |
| FAULT PROTECTION                 | Current Limiting (Adjustable), Over Temperature, Reverse Current, UVLO                                              |
| CURRENT - OUTPUT (MAX)           | 2A                                                                                                                  |
| BASE PART NUMBER                 | NX5P2090                                                                                                            |

Related Tags

|                                            |                                         |                                                |
|--------------------------------------------|-----------------------------------------|------------------------------------------------|
| NXP Semiconductors / Freescale NX5P2090UKZ | NX5P2090UKZ Distributor                 | NX5P2090UKZ Supplier                           |
| NX5P2090UKZ Price                          | NX5P2090UKZ Pictures                    | NX5P2090UKZ Image                              |
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| Freescale Semiconductor - NXP NX5P2090UKZ  | NXP USA Inc. NX5P2090UKZ                |                                                |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                     |
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|  <div><b>NX5P2190UKZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ADV PWR SWITCH HI SIDE 9WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>NX5P2924CUKZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LOAD SWITCH HI SD 2.5A 6WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>NX5P2924BUKZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LOAD SWITCH HI SD 2.5A 9WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>NX5P2553GUZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC POWER SWITCH PREC 6HXSON<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>NX5L2750CGUX</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT 10XQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>NX5DV715HF,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC VGA SWITCH 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
|  <div><b>NX5P2553GU6Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC POWER SWITCH PREC 6HXSON<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>NX5DV713HF,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC VGA SWITCH 10F2 DUAL 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>NX5P1000UKZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC POWER SWITCH HI SIDE 12WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>NX5P2553GVH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LOAD SWITCH SC74<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
|  <div><b>NX5P1100UKZ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC POWER SWITCH HI SIDE 12WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>NX5DV713EHF,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC VGA SWITCH 10F2 DUAL 32HWQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |