



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

BSC9131NXN1KHKB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | BSC9131NXN1KHKB                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 800MHZ 520FCBGA                                                                               |
|                     | <a href="#">PDF</a> 1.BSC9131NXN1KHKB.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.BSC9131NXN1KHKB.pdf                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of BSC9131NXN1KHKB

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | BSC9131NXN1KHKB                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                            |
| DESCRIPTION                      | IC MPU Q OR IQ 800MHZ 520FCBGA                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| DATA SHEET                       | <a href="#">PDF</a> 1.BSC9131NXN1KHKB.pdf<br><a href="#">PDF</a> 2.BSC9131NXN1KHKB.pdf    |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                          |
| USB                              | USB 2.0 (1)                                                                               |
| SUPPLIER DEVICE PACKAGE          | 520-FCBGA (21x21)                                                                         |
| SPEED                            | 800MHz                                                                                    |
| SERIES                           | QorIQ Qonverge BSC                                                                        |
| SECURITY FEATURES                | -                                                                                         |
| SATA                             | -                                                                                         |
| RAM CONTROLLERS                  | DDR3, DDR3L                                                                               |
| PACKAGING                        | Bulk                                                                                      |
| PACKAGE / CASE                   | 520-FBGA, FCBGA                                                                           |
| OTHER NAMES                      | 935320048557                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                        |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| GRAPHICS ACCELERATION            | No                                                                                        |
| ETHERNET                         | 10/100/1000 Mbps (2)                                                                      |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                         |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC QorIQ Qonverge BSC 1 Core, 32-Bit 800MHz 520-FCBGA (21x21) |
| CORE PROCESSOR                   | PowerPC e500                                                                              |
| CO-PROCESSORS/DSP                | Signal Processing; SC3850                                                                 |
| ADDITIONAL INTERFACES            | AIC, DUART, I <sup>2</sup> C, MMC/SD, SPI, USIM                                           |

Related Tags

|                                                |                                         |                                                    |
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| Freescale Semiconductor - NXP BSC9131NXN1KHKB  | NXP USA Inc. BSC9131NXN1KHKB            |                                                    |

Related Products

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|  <div><b>BSC9132NSN7KNKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.333GHZ 780FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>BSC9131NXN7KHKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ QONVERGE SOC 1GHZ STARCOR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>BSC9131RDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD EVAL BSC9131<br/>In stock: 3 pcs<br/><a href="#">RFQ</a></div>                        |  <div><b>BSC9131NXE7KHKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ QONVERGE SOC 1GHZ STARCOR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>BSC9132NSE7KNKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.333GHZ 780FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>BSC9132NSN7MNMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.333GHZ 780FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>BSC9131NSN1KHKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 520FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>BSC9131NSE7KHKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ QONVERGE SOC 1GHZ STARCOR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>BSC9132NSE7MNMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.333GHZ 780FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>BSC9131NSN7KHKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ QONVERGE SOC 1GHZ STARCOR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
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