

### LS1022AXN7EKB

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LS1022AXN7EKB                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | LS1 32BIT ARM SOC 600MHZ DDR3L                                                                                      |
| Datasheets:         |  <a href="#">LS1022AXN7EKB.pdf</a> |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

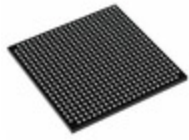
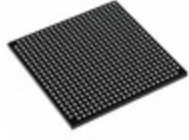
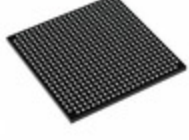
#### Specifications of LS1022AXN7EKB

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LS1022AXN7EKB                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | LS1 32BIT ARM SOC 600MHZ DDR3L                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                       |
| DATA SHEET                       |  <a href="#">LS1022AXN7EKB.pdf</a> |
| VOLTAGE - I/O                    | -                                                                                                                     |
| USB                              | USB 2.0 (1)                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 525-FCBGA (19x19)                                                                                                     |
| SPEED                            | 600MHz                                                                                                                |
| SERIES                           | QorIQ LS1                                                                                                             |
| SATA                             | SATA 3Gbps (1)                                                                                                        |
| RAM CONTROLLERS                  | DDR3L, DDR4                                                                                                           |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 525-FBGA, FCBGA                                                                                                       |
| OTHER NAMES                      | 568-14616<br>935324935557<br>LS1022AXN7EKB-ND                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C                                                                                                         |
| NUMBER OF CORES/BUS WIDTH        | 2 Core, 32-Bit                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| GRAPHICS ACCELERATION            | No                                                                                                                    |
| ETHERNET                         | GbE (2)                                                                                                               |
| DETAILED DESCRIPTION             | ARM® Cortex®-A7 Microprocessor IC QorIQ LS1 2 Core, 32-Bit 600MHz 525-FCBGA (19x19)                                   |
| CORE PROCESSOR                   | ARM® Cortex®-A7                                                                                                       |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                                                |

#### Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale LS1022AXN7EKB | LS1022AXN7EKB Distributor               | LS1022AXN7EKB Supplier                           |
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| Freescale Semiconductor - NXP LS1022AXN7EKB  | NXP USA Inc. LS1022AXN7EKB              |                                                  |

#### Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LS1021AXN7HNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 800MHZ DDR3/<br/>In stock: 84 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LS1022AXE7EKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 600MHZ DDR3L<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LS1023ASE7MNLB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LS1023ASE7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LS1022ASE7EKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 600MHZ DDR3L<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LS1023ASE7QQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LS1023ASE7MQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>LS1023ASE7KQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LS1021AXN7KQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 1GHZ DDR3/4<br/>In stock: 64 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LS1021AXN7MQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/<br/>In stock: 84 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>LS1023ASE7KNLB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: QORIQ 2XCPU 64-BIT ARM ARCH 1.<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LS1022ASN7EKB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 600MHZ DDR3L<br/>In stock: Out stock<br/><div>RFQ</div></div> |