

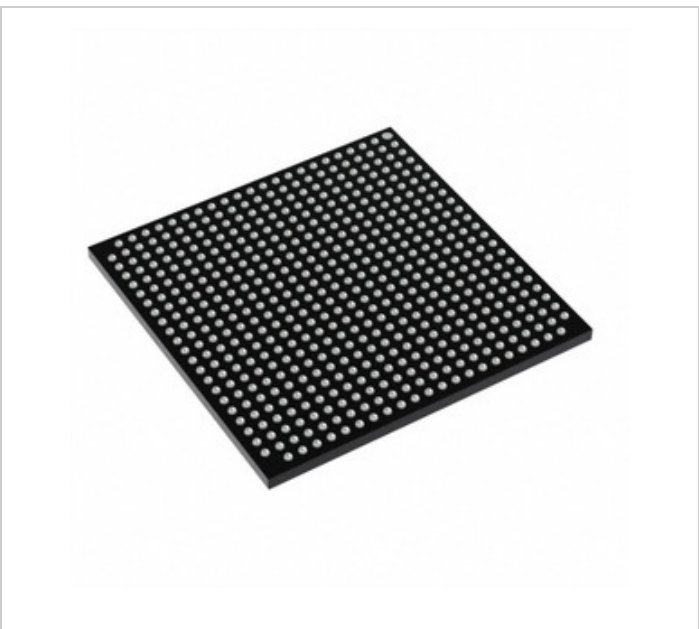


Image may be representation. See specifications for product details.

### LS1020ASE7KQB

|                     |                                       |
|---------------------|---------------------------------------|
| Part Number:        | LS1020ASE7KQB                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale        |
| Product description | LS1 32BIT ARM SOC 1GHZ DDR3/4         |
| Datasheets:         | <a href="#">PDF LS1020ASE7KQB.pdf</a> |
| Ship From           | Hong Kong                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                 |

REQUEST FOR QUOTATION

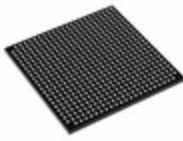
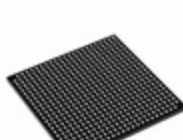
#### Specifications of LS1020ASE7KQB

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | LS1020ASE7KQB                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | LS1 32BIT ARM SOC 1GHZ DDR3/4                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                      |
| DATA SHEET                       | <a href="#">PDF LS1020ASE7KQB.pdf</a>                                                |
| VOLTAGE - I/O                    | -                                                                                    |
| USB                              | USB 2.0 (1), USB 3.0 + PHY                                                           |
| SUPPLIER DEVICE PACKAGE          | 525-FCPBGA (19x19)                                                                   |
| SPEED                            | 1.2GHz                                                                               |
| SERIES                           | QorIQ LS1                                                                            |
| SATA                             | SATA 3Gbps (1)                                                                       |
| RAM CONTROLLERS                  | DDR3L, DDR4                                                                          |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 525-FBGA, FCBGA                                                                      |
| OTHER NAMES                      | 568-14040<br>935322349557<br>LS1020ASE7KQB-ND                                        |
| OPERATING TEMPERATURE            | 0°C ~ 105°C                                                                          |
| NUMBER OF CORES/BUS WIDTH        | 2 Core, 32-Bit                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| GRAPHICS ACCELERATION            | No                                                                                   |
| ETHERNET                         | GbE (3)                                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-A7 Microprocessor IC QorIQ LS1 2 Core, 32-Bit 1.2GHz 525-FCPBGA (19x19) |
| CORE PROCESSOR                   | ARM® Cortex®-A7                                                                      |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                               |

#### Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale LS1020ASE7KQB | LS1020ASE7KQB Distributor               | LS1020ASE7KQB Supplier                           |
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| Freescale Semiconductor - NXP LS1020ASE7KQB  | NXP USA Inc. LS1020ASE7KQB              |                                                  |

#### Related Products

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| <div></div> <div><b>LS1020ASN7MQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>LS101MASE7EHA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: Out stock</div> <div>RFQ</div>         |
| <div></div> <div><b>LS101MASN7DFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: Out stock</div> <div>RFQ</div>         | <div></div> <div><b>LS1020ASN7HNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 800MHZ DDR3/<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>LS1020ASE7MQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>LS1020ASN7KQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 1GHZ DDR3/4<br/>In stock: 86 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>LS101MASE7DFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR DUAL CORE<br/>In stock: Out stock</div> <div>RFQ</div>         | <div></div> <div><b>LS1020AXE7HNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 800MHZ DDR3/<br/>In stock: 84 pcs</div> <div>RFQ</div>    |
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| <div></div> <div><b>LS1020ASE7HNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1 32BIT ARM SOC 800MHZ DDR3/<br/>In stock: 84 pcs</div> <div>RFQ</div>    | <div></div> <div><b>LS1020ASE8KQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LS1020 32BIT ARM SOC 1GHZ DDR3<br/>In stock: Out stock</div> <div>RFQ</div> |