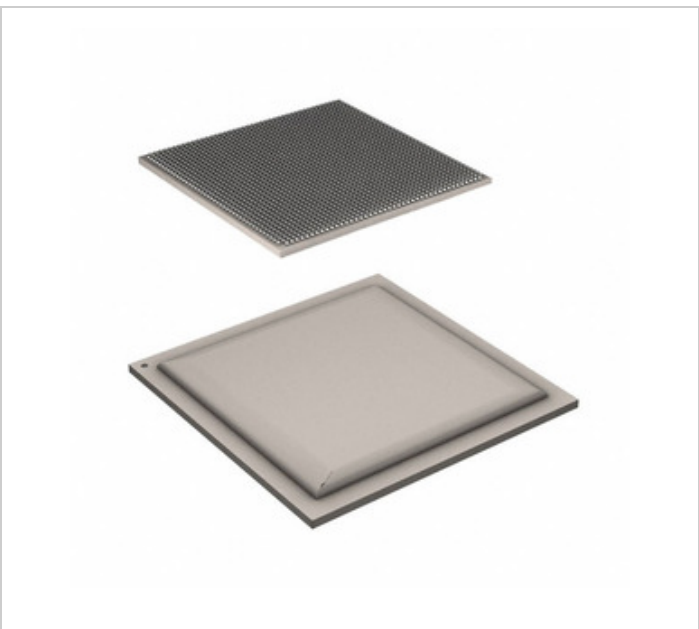




NXP Semiconductors / Freescale



T4240NXE7PQB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | T4240NXE7PQB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC SOC 64BIT 24X 1.5GHZ 1932BGA                                                                              |
|                     | <a href="#">PDF</a> 1.T4240NXE7PQB.pdf                                                                       |
|                     | <a href="#">PDF</a> 2.T4240NXE7PQB.pdf                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

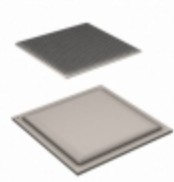
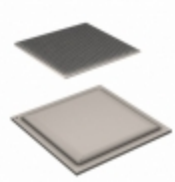
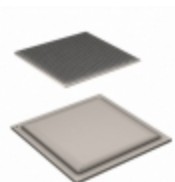
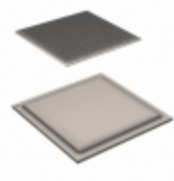
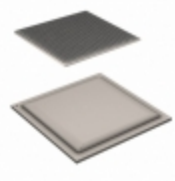
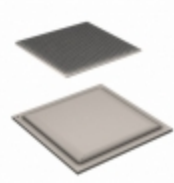
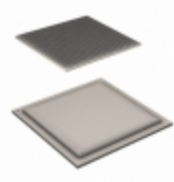
Specifications of T4240NXE7PQB

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | T4240NXE7PQB                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | IC SOC 64BIT 24X 1.5GHZ 1932BGA                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| DATA SHEET                       | <a href="#">PDF</a> 1.T4240NXE7PQB.pdf<br><a href="#">PDF</a> 2.T4240NXE7PQB.pdf                  |
| VOLTAGE - I/O                    | -                                                                                                 |
| USB                              | USB 2.0 + PHY (2)                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1932-FCPBGA (45x45)                                                                               |
| SPEED                            | 1.8GHz                                                                                            |
| SERIES                           | QorIQ T4                                                                                          |
| SECURITY FEATURES                | Boot Security, Cryptography, Secure Fusebox, Secure Debug, Tamper Detection, Volatile key Storage |
| SATA                             | SATA 3Gbps (2)                                                                                    |
| RAM CONTROLLERS                  | DDR3, DDR3L                                                                                       |
| PACKAGING                        | Bulk                                                                                              |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                  |
| OTHER NAMES                      | 568-14009<br>935320402557<br>T4240NXE7PQB-ND                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                |
| NUMBER OF CORES/BUS WIDTH        | 12 Core, 64-Bit                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| GRAPHICS ACCELERATION            | No                                                                                                |
| ETHERNET                         | 1 Gbps (16), 10 Gbps (4)                                                                          |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                 |
| DETAILED DESCRIPTION             | PowerPC e6500 Microprocessor IC QorIQ T4 12 Core, 64-Bit 1.8GHz 1932-FCPBGA (45x45)               |
| CORE PROCESSOR                   | PowerPC e6500                                                                                     |
| CO-PROCESSORS/DSP                | -                                                                                                 |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, MMC/SD, PCIe, RapidIO, SPI, UART                                                |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale T4240NXE7PQB | T4240NXE7PQB Distributor                | T4240NXE7PQB Supplier                           |
| T4240NXE7PQB Price                          | T4240NXE7PQB Pictures                   | T4240NXE7PQB Image                              |
| T4240NXE7PQB PDF Datasheet                  | T4240NXE7PQB Download Datasheet         | T4240NXE7PQB Datasheet                          |
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| NXP Semiconductors / Freescale T4240NXE7PQB | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale T4240NXE7PQB | NXP Semiconductors T4240NXE7PQB         | Freescale T4240NXE7PQB                          |
| Freescale Semiconductor - NXP T4240NXE7PQB  | NXP USA Inc. T4240NXE7PQB               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>T4240NSE7TTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.8GHZ 1932BGA<br/>In stock: 12 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>T4240NSN7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA<br/>In stock: 12 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>T4240RDB-PB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD REFERENCE DES REVb T4240<br/>In stock: 8 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>T4240NSE7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA<br/>In stock: 12 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>T4240NXN7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA<br/>In stock: 12 pcs<br/><a href="#">RFQ</a></div>     |  <div><b>T4240NSN7QTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.67GHZ 1932BGA<br/>In stock: 12 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>T4240NSN7TTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.8GHZ 1932BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>T4240QDS-PB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DEV SYSTEM QORLQ T4240<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>         |
|  <div><b>T4240PCIE-PB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DEVELOPMENT SYSTEM T4240PCIE<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |  <div><b>T4240RDB-16GPA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD REF DES DEV T4240<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>T4240NSE7QTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 24X 1.67GHZ 1932BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>T4240QDS-16GPA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: TOOL FOR T4240 FAMILY<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>       |