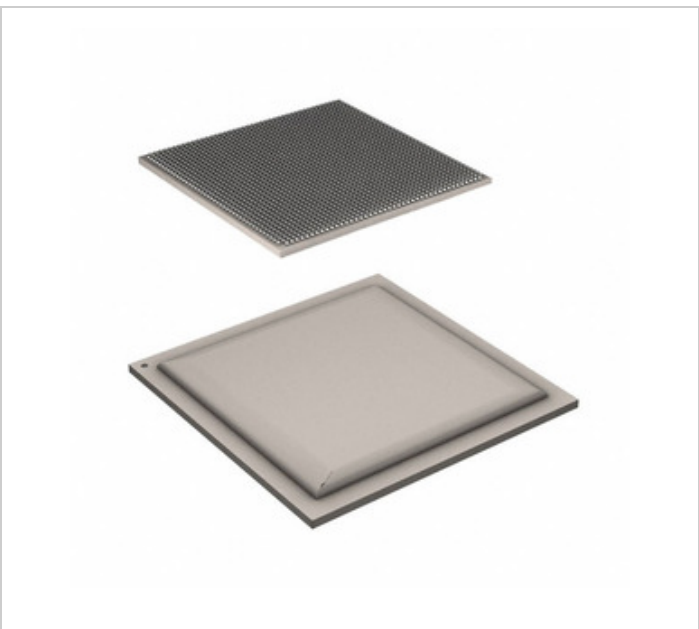




NXP Semiconductors / Freescale



T4160NSE7QTB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | T4160NSE7QTB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC SOC 64BIT 16X 1.67GHZ 1932BGA                                                                             |
| Datasheets:         |  1.T4160NSE7QTB.pdf         |
|                     |  2.T4160NSE7QTB.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

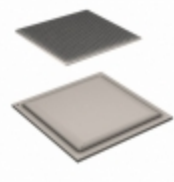
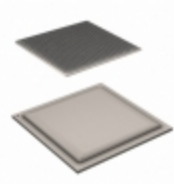
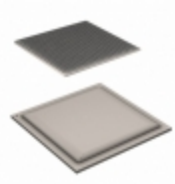
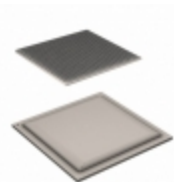
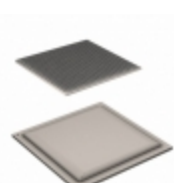
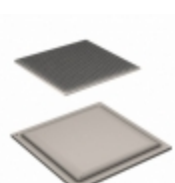
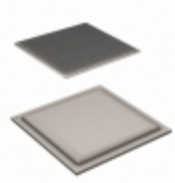
Specifications of T4160NSE7QTB

|                                  |                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | T4160NSE7QTB                                                                                                                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                   |
| DESCRIPTION                      | IC SOC 64BIT 16X 1.67GHZ 1932BGA                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                       |
| DATA SHEET                       |  1.T4160NSE7QTB.pdf<br> 2.T4160NSE7QTB.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                        | Tray                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 1932-BBGA, FCBGA                                                                                                                                                                                                 |
| OTHER NAMES                      | 568-14003<br>935322104557<br>T4160NSE7QTB-ND                                                                                                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                                                                                                                                                 |
| NUMBER OF CORES/BUS WIDTH        | 8 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 (13), 10 Gbps (2)                                                                                                                                                                                         |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | PowerPC e6500 Microprocessor IC QorIQ T4 8 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 T4160NSE7QTB | T4160NSE7QTB Distributor                | T4160NSE7QTB Supplier                           |
| T4160NSE7QTB Price                          | T4160NSE7QTB Pictures                   | T4160NSE7QTB Image                              |
| T4160NSE7QTB PDF Datasheet                  | T4160NSE7QTB Download Datasheet         | T4160NSE7QTB Datasheet                          |
| T4160NSE7QTB Stock                          | Buy T4160NSE7QTB                        | Buy NXP Semiconductors / Freescale T4160NSE7QTB |
| NXP Semiconductors / Freescale T4160NSE7QTB | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale T4160NSE7QTB | NXP Semiconductors T4160NSE7QTB         | Freescale T4160NSE7QTB                          |
| Freescale Semiconductor - NXP T4160NSE7QTB  | NXP USA Inc. T4160NSE7QTB               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>T4160NXN7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>T4151410003-005</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: CONN FEM M8 3POS R/A 4A 5M CBL<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>T4160NSN7QTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.67GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>T4160NSE7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>T4160NSE7TTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.8GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>T41524500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 750 TB WIR PRO 180D SOL<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |
| <div></div> <div><b>T4160NSN7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>T4160NXE7PQB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>T41604520000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO THOUGH/T<br/>In stock: Out stock<br/><div>RFQ</div></div>               | <div></div> <div><b>T41604500000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO 180 SOLID<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>T41504520000G</b><br/>Manufacturers: Anytek (Amphenol Anytek)<br/>Description: 500 TB WIR PRO THOUGH/T<br/>In stock: Out stock<br/><div>RFQ</div></div>               | <div></div> <div><b>T4160NSN7TTB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SOC 64BIT 16X 1.8GHZ 1932BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |