

NXP Semiconductors / Freescale

P5040NSE7VNC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P5040NSE7VNC                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC SOC 64BIT 4X2.0GHZ 1295FCBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 336 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

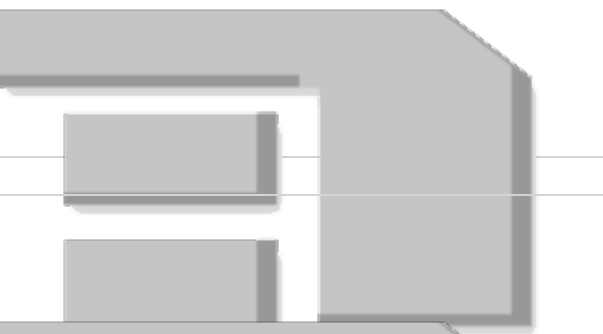
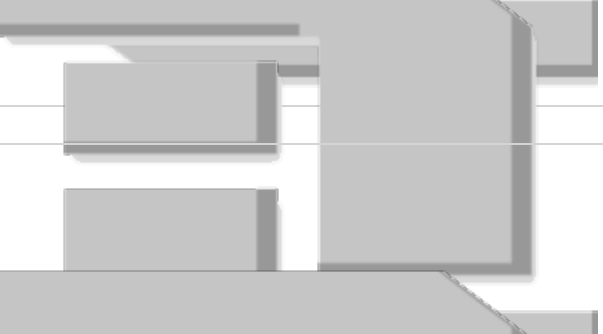
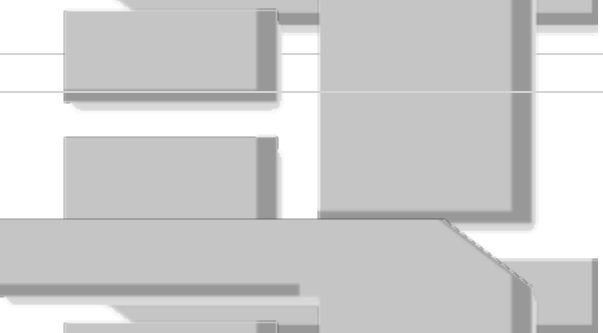
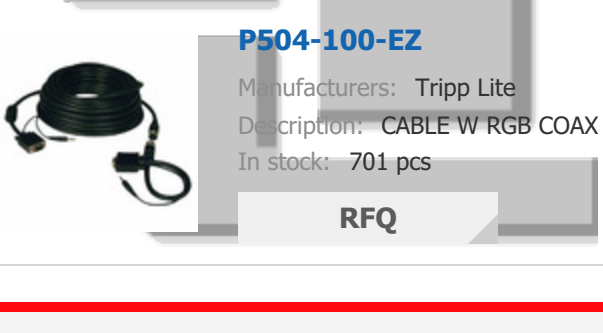
Specifications of P5040NSE7VNC

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P5040NSE7VNC                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | IC SOC 64BIT 4X2.0GHZ 1295FCBGA                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 336 pcs                                                                                           |
| DATA SHEET                       |                                                                                                   |
| VOLTAGE - I/O                    | 1.0V, 1.1V                                                                                        |
| USB                              | USB 2.0 + PHY (2)                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1295-FCPBGA (37.5x37.5)                                                                           |
| SPEED                            | 2.0GHz                                                                                            |
| SERIES                           | QorIQ P5                                                                                          |
| 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                   | 1295-BBGA, FCBGA                                                                                  |
| OTHER NAMES                      | 935321988557                                                                                      |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                                  |
| NUMBER OF CORES/BUS WIDTH        | 4 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 (10), 10 Gbps (2)                                                                          |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                 |
| DETAILED DESCRIPTION             | PowerPC e5500 Microprocessor IC QorIQ P5 4 Core, 64-Bit 2.0GHz 1295-FCPBGA (37.5x37.5)            |
| CORE PROCESSOR                   | PowerPC e5500                                                                                     |
| CO-PROCESSORS/DSP                | -                                                                                                 |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, MMC/SD, PCIe, SPI, UART                                                         |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P5040NSE7VNC               | P5040NSE7VNC Distributor        | P5040NSE7VNC Supplier  |
| P5040NSE7VNC Price         | P5040NSE7VNC Pictures           | P5040NSE7VNC Image     |
| P5040NSE7VNC PDF Datasheet | P5040NSE7VNC Download Datasheet | P5040NSE7VNC Datasheet |
| P5040NSE7VNC Stock         | Buy P5040NSE7VNC                | Buy P5040NSE7VNC       |
| P5040NSE7VNC               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                        |                                                                                      |                                                                                                                                        |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>P5040NXE7TMC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X1.8GHZ 1295FCBGA<br/>In stock: 374 pcs</p> <p>RFQ</p> |  | <p><b>P5040DS-PA</b></p> <p>Manufacturers: NXP<br/>Description: DEV SYS FOR P5040<br/>In stock: 6196 pcs</p> <p>RFQ</p>                |
|  | <p><b>P5040NXE72QC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X2.2GHZ 1295FCBGA<br/>In stock: 277 pcs</p> <p>RFQ</p> |  | <p><b>P5040NSN7TMC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X1.8GHZ 1295FCBGA<br/>In stock: 374 pcs</p> <p>RFQ</p> |
|  | <p><b>P5040-RDB</b></p> <p>Manufacturers: NXP<br/>Description: BOARD REFERENCE DESIGN P5040<br/>In stock: 29 pcs</p> <p>RFQ</p>        |  | <p><b>P5040NSE7TMC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X1.8GHZ 1295FCBGA<br/>In stock: 387 pcs</p> <p>RFQ</p> |
|  | <p><b>P5040NSN72QC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X2.2GHZ 1295FCBGA<br/>In stock: 332 pcs</p> <p>RFQ</p> |  | <p><b>P5040DS-PB</b></p> <p>Manufacturers: NXP<br/>Description: DEVELOPMENT SYSTEM P5040 REV2.0<br/>In stock: 2867 pcs</p> <p>RFQ</p>  |
|  | <p><b>P5040NSE72QC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X2.2GHZ 1295FCBGA<br/>In stock: 293 pcs</p> <p>RFQ</p> |  | <p><b>P5040NSN7VNC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X2.0GHZ 1295FCBGA<br/>In stock: 308 pcs</p> <p>RFQ</p> |
|  | <p><b>P5040NXE7VNC</b></p> <p>Manufacturers: NXP<br/>Description: IC SOC 64BIT 4X2.0GHZ 1295FCBGA<br/>In stock: 291 pcs</p> <p>RFQ</p> |  | <p><b>P504-100-EZ</b></p> <p>Manufacturers: Tripp Lite<br/>Description: CABLE W RGB COAX 50'<br/>In stock: 701 pcs</p> <p>RFQ</p>      |