

NXP Semiconductors / Freescale

P5020NSE7QMB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P5020NSE7QMB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 2.0GHZ 1295FCBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 283 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

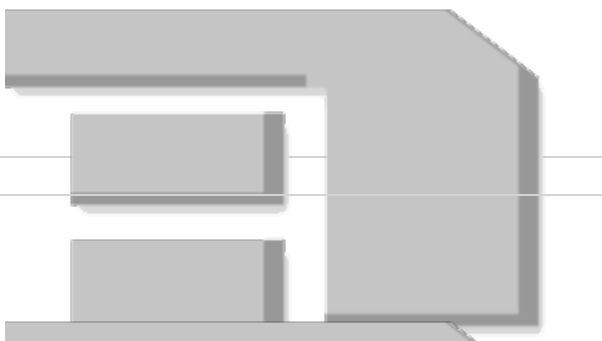
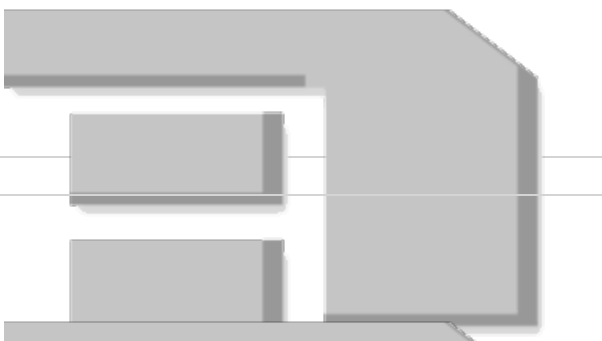
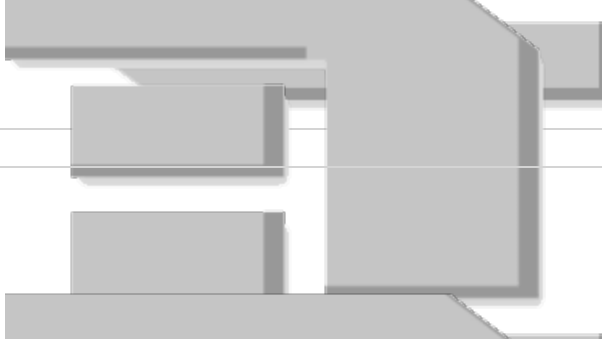
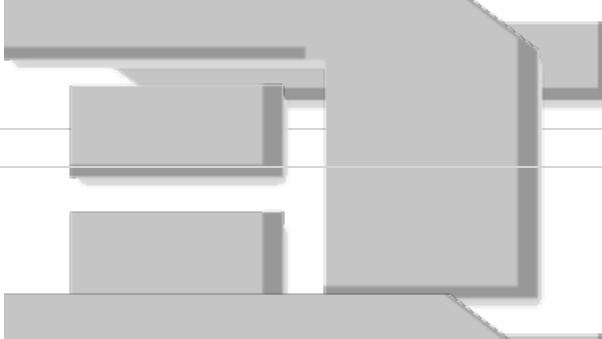
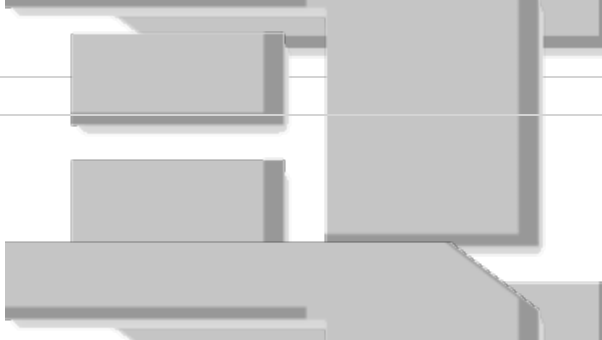
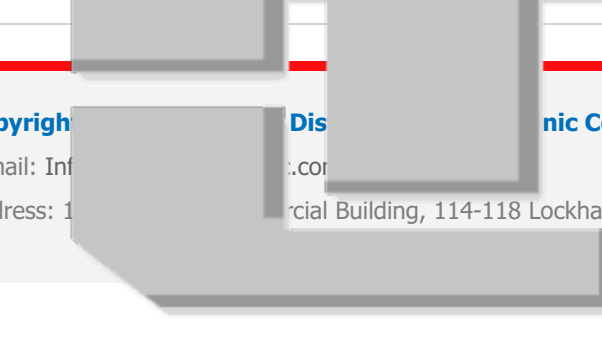
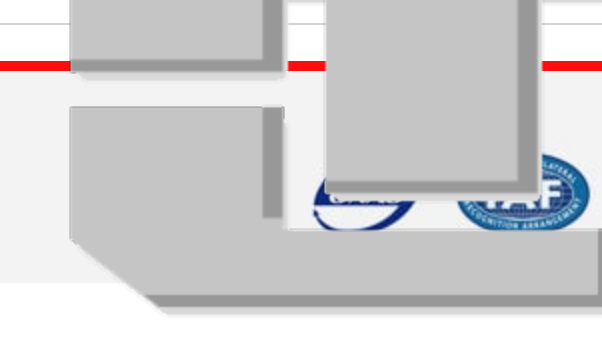
Specifications of P5020NSE7QMB

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | P5020NSE7QMB                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                            |
| DESCRIPTION                      | IC MPU Q OR IQ 2.0GHZ 1295FCBGA                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 283 pcs                                                                                   |
| DATA SHEET                       |                                                                                           |
| VOLTAGE - I/O                    | -                                                                                         |
| 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 JTAG, Secure Memory, Tamper Detection |
| SATA                             | SATA 3Gbps (2)                                                                            |
| RAM CONTROLLERS                  | DDR3, DDR3L                                                                               |
| PACKAGING                        | Tray                                                                                      |
| PACKAGE / CASE                   | 1295-BBGA, FCBGA                                                                          |
| OTHER NAMES                      | 935323462557                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                          |
| NUMBER OF CORES/BUS WIDTH        | 2 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 (5), 10 Gbps (1)                                                                   |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                         |
| DETAILED DESCRIPTION             | PowerPC e5500 Microprocessor IC QorIQ P5 2 Core, 64-Bit 2.0GHz 1295-FCPBGA (37.5x37.5)    |
| CORE PROCESSOR                   | PowerPC e5500                                                                             |
| CO-PROCESSORS/DSP                | Security; SEC 4.2                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, SPI                                                      |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P5020NSE7QMB               | P5020NSE7QMB Distributor        | P5020NSE7QMB Supplier  |
| P5020NSE7QMB Price         | P5020NSE7QMB Pictures           | P5020NSE7QMB Image     |
| P5020NSE7QMB PDF Datasheet | P5020NSE7QMB Download Datasheet | P5020NSE7QMB Datasheet |
| P5020NSE7QMB Stock         | Buy P5020NSE7QMB                | Buy P5020NSE7QMB       |
| P5020NSE7QMB               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                          |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>P5020NSN1TNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 4674 pcs</p> <p>RFQ</p>  |  | <p><b>P5020NSE1MMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 3799 pcs</p> <p>RFQ</p> |
|  | <p><b>P5020DS-PB</b></p> <p>Manufacturers: NXP<br/>Description: BOARD DEV PLATFORM P5020<br/>In stock: 3717 pcs</p> <p>RFQ</p>           |  | <p><b>P5020NSN1MMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 3436 pcs</p> <p>RFQ</p> |
|  | <p><b>P5020NSE7TTNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 281 pcs</p> <p>RFQ</p>  |  | <p><b>P5020NSE1VNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 6631 pcs</p> <p>RFQ</p> |
|  | <p><b>P5020NSE7MMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 267 pcs</p> <p>RFQ</p>   |  | <p><b>P5020NSE1QMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 4307 pcs</p> <p>RFQ</p> |
|  | <p><b>P5020NSE1TTNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 5483 pcs</p> <p>RFQ</p> |  | <p><b>P5020NSN1VNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 3709 pcs</p> <p>RFQ</p> |
|  | <p><b>P5020NSE7VNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 229 pcs</p> <p>RFQ</p>   |  | <p><b>P5020NSN1QMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br/>In stock: 3310 pcs</p> <p>RFQ</p> |