

NXP Semiconductors / Freescale

P1020NXN2DFB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1020NXN2DFB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 800MHZ 689TEBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4215 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

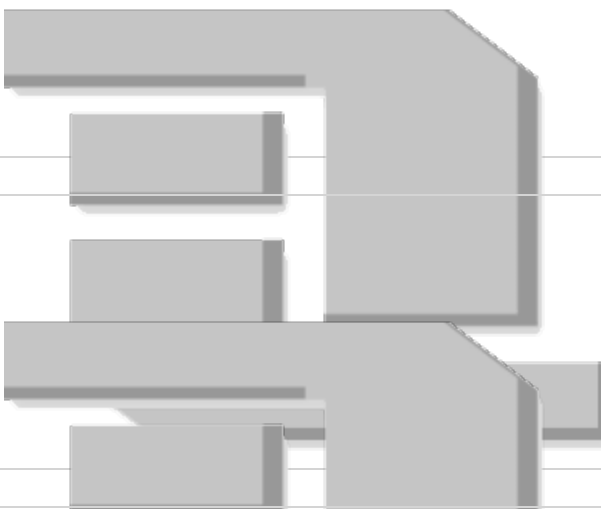
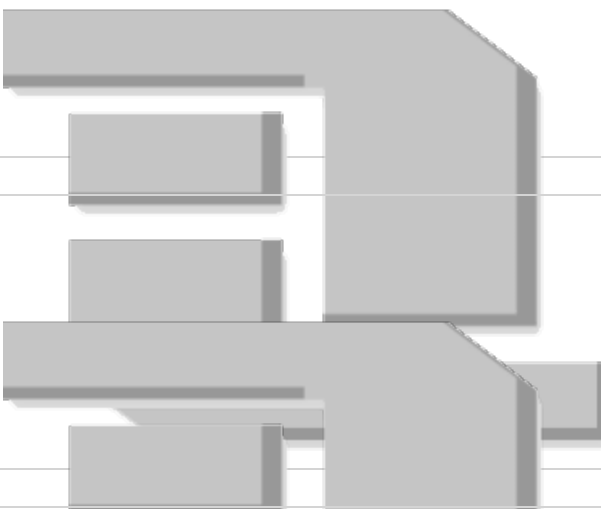
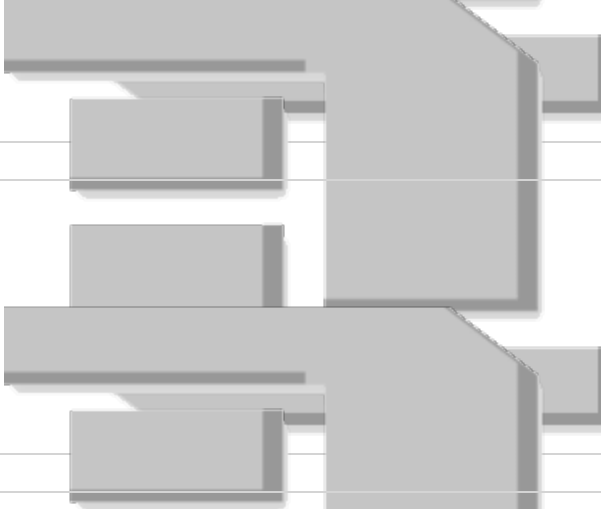
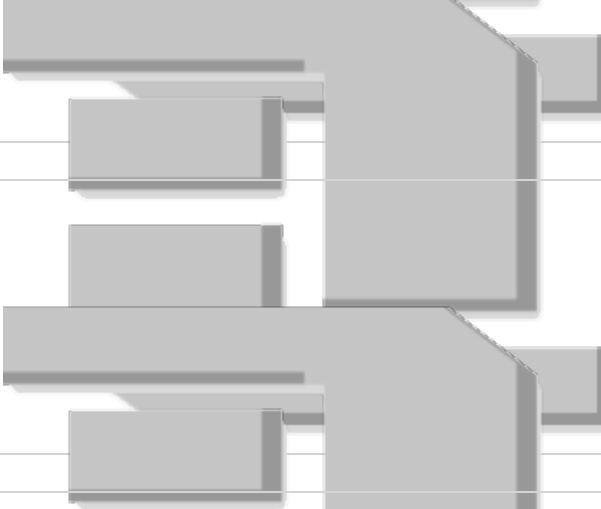
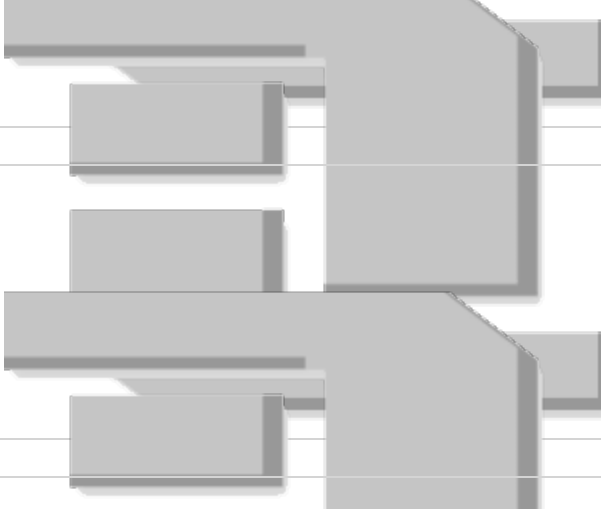
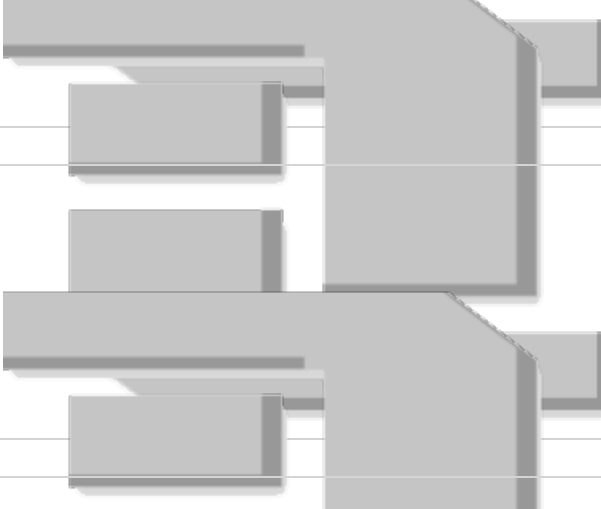
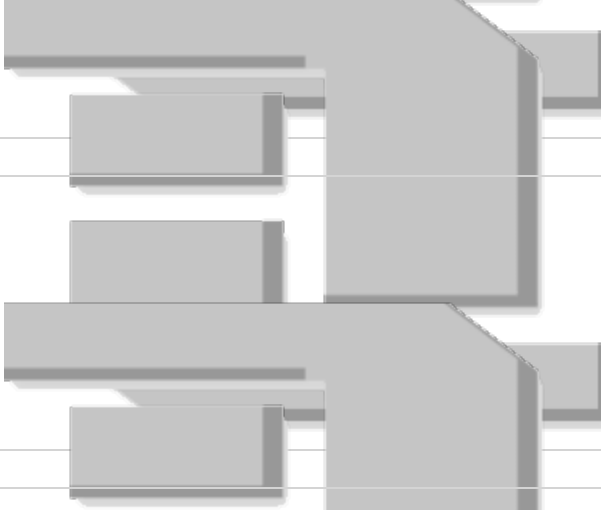
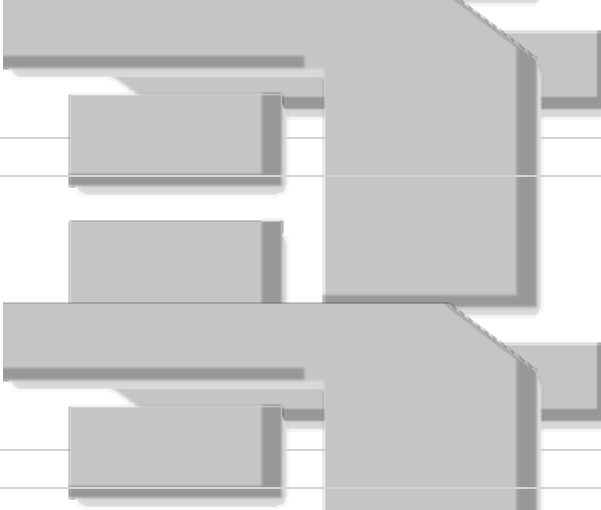
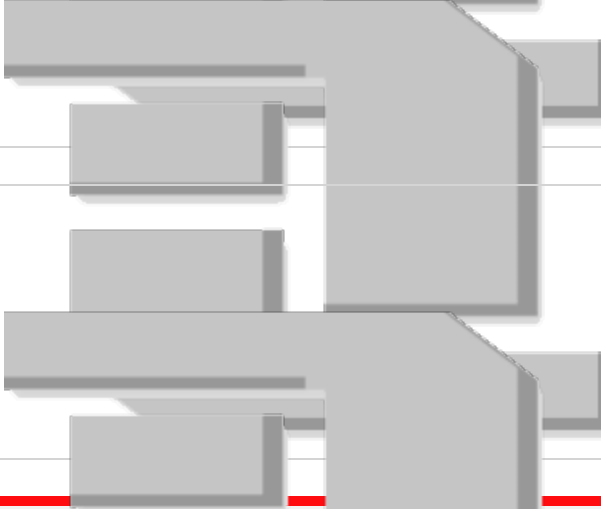
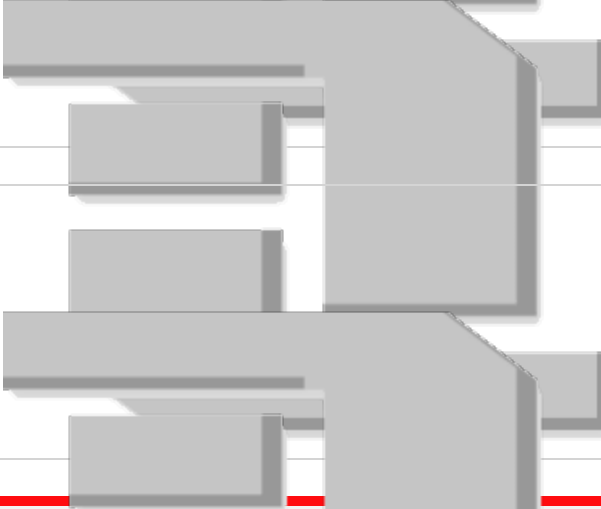
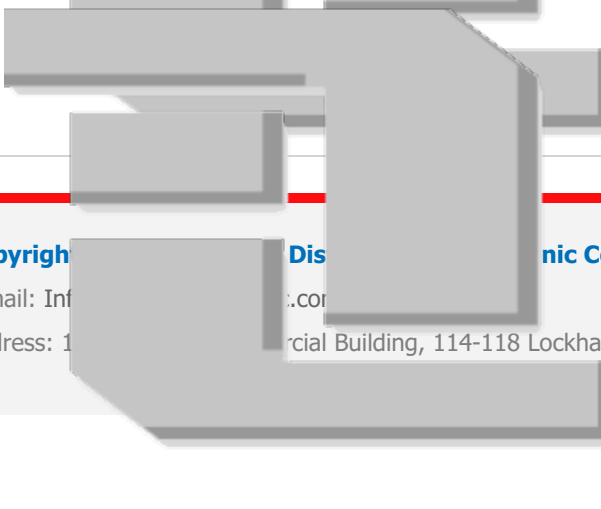
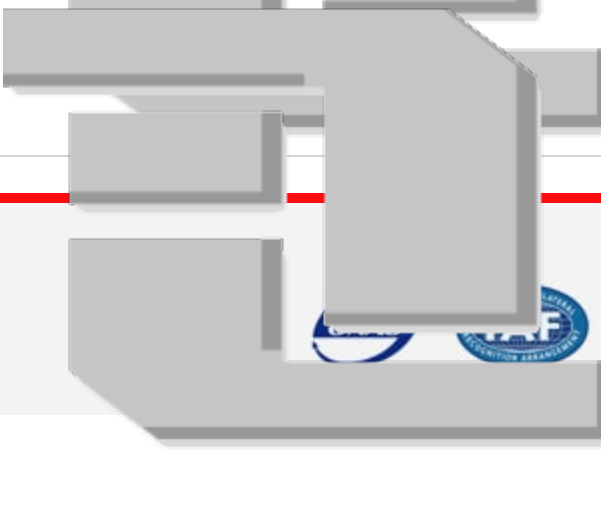
Specifications of P1020NXN2DFB

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | P1020NXN2DFB                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MPU Q OR IQ 800MHZ 689TEBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 4215 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - I/O                    | 2.5V, 3.3V                                                                            |
| USB                              | USB 2.0 + PHY (2)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 689-TEPBGA II (31x31)                                                                 |
| SPEED                            | 800MHz                                                                                |
| SERIES                           | QorIQ P1                                                                              |
| SECURITY FEATURES                | -                                                                                     |
| SATA                             | -                                                                                     |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                            |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 689-BBGA Exposed Pad                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                    |
| NUMBER OF CORES/BUS WIDTH        | 2 Core, 32-Bit                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| GRAPHICS ACCELERATION            | No                                                                                    |
| ETHERNET                         | 10/100/1000 Mbps (3)                                                                  |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                     |
| DETAILED DESCRIPTION             | PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 800MHz 689-TEPBGA II (31x31) |
| CORE PROCESSOR                   | PowerPC e500v2                                                                        |
| CO-PROCESSORS/DSP                | -                                                                                     |
| BASE PART NUMBER                 | P1020                                                                                 |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, SPI                                                  |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P1020NXN2DFB               | P1020NXN2DFB Distributor        | P1020NXN2DFB Supplier  |
| P1020NXN2DFB Price         | P1020NXN2DFB Pictures           | P1020NXN2DFB Image     |
| P1020NXN2DFB PDF Datasheet | P1020NXN2DFB Download Datasheet | P1020NXN2DFB Datasheet |
| P1020NXN2DFB Stock         | Buy P1020NXN2DFB                | Buy P1020NXN2DFB       |
| P1020NXN2DFB               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                        |                                                                                      |                                                                                                                                        |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>P1020NXE2HFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 1215 pcs</p> <p>RFQ</p> |  | <p><b>P1020NXN2FFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 1368 pcs</p> <p>RFQ</p> |
|  | <p><b>P1020NXE2FFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 5572 pcs</p> <p>RFQ</p> |  | <p><b>P1020RDB-PB</b></p> <p>Manufacturers: NXP<br/>Description: BOARD REF DESIGN 6 PORT ETHER<br/>In stock: 3193 pcs</p> <p>RFQ</p>   |
|  | <p><b>P1020NXN2HFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 1173 pcs</p> <p>RFQ</p> |  | <p><b>P1020NSN2DFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 1779 pcs</p> <p>RFQ</p> |
|  | <p><b>P1020PSE2HFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 2813 pcs</p> <p>RFQ</p> |  | <p><b>P1020PSE2FDB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 6496 pcs</p> <p>RFQ</p> |
|  | <p><b>P1020NSN2FFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 4167 pcs</p> <p>RFQ</p> |  | <p><b>P1020NXE2DFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 6040 pcs</p> <p>RFQ</p> |
|  | <p><b>P1020NSN2HFB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: 1525 pcs</p> <p>RFQ</p> |  | <p><b>P1020RDB-PA</b></p> <p>Manufacturers: NXP<br/>Description: BOARD REFERENCE DESIGN P1020<br/>In stock: 4751 pcs</p> <p>RFQ</p>    |