

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1021NXE2FFB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 800MHZ 689TEBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1212 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

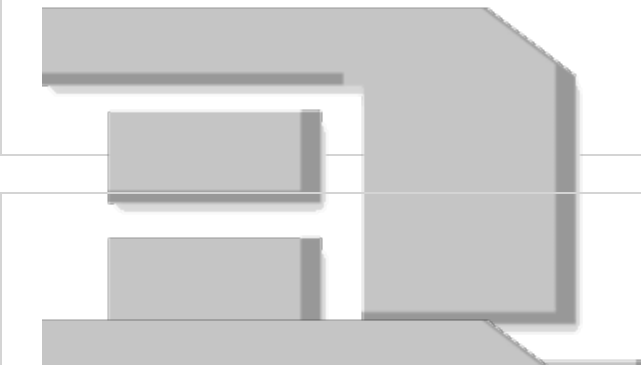
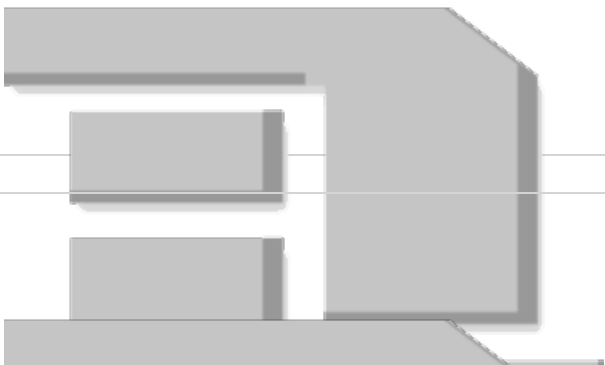
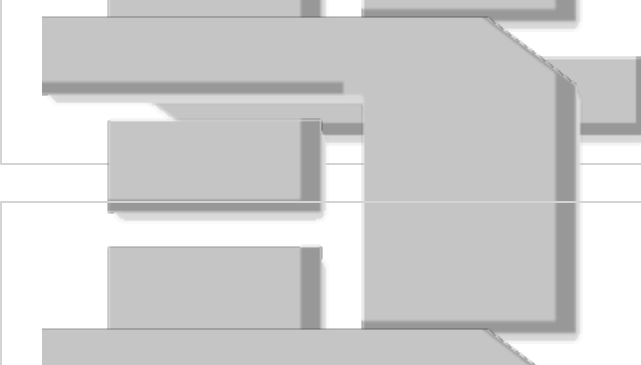
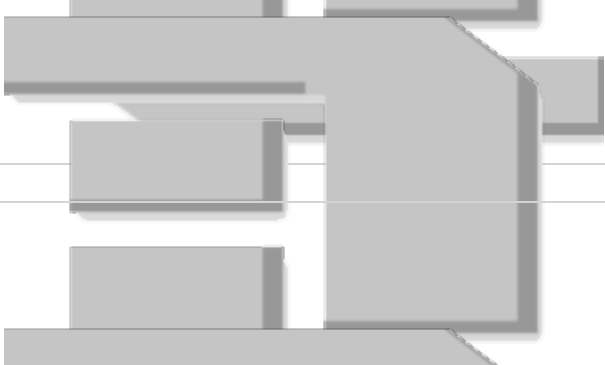
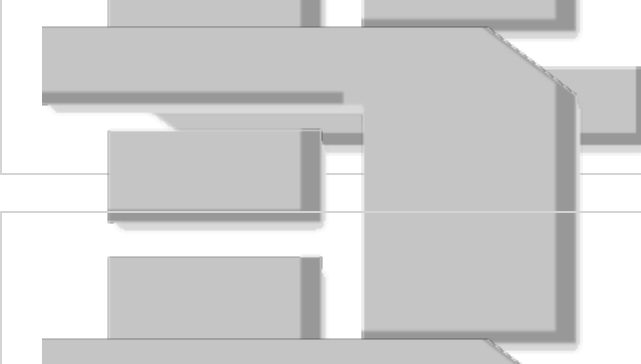
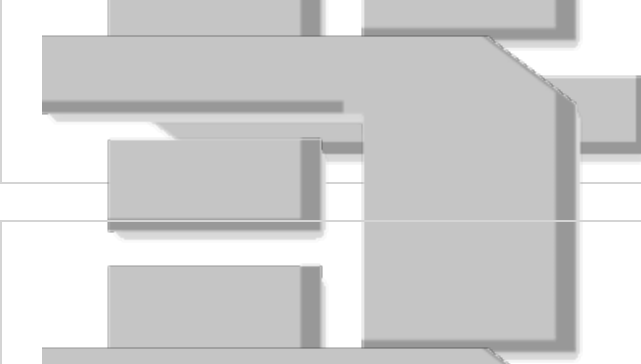
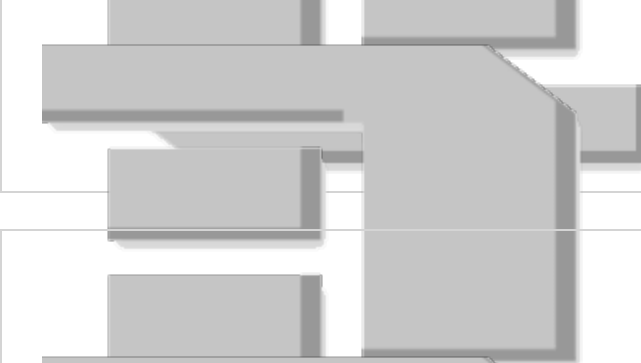
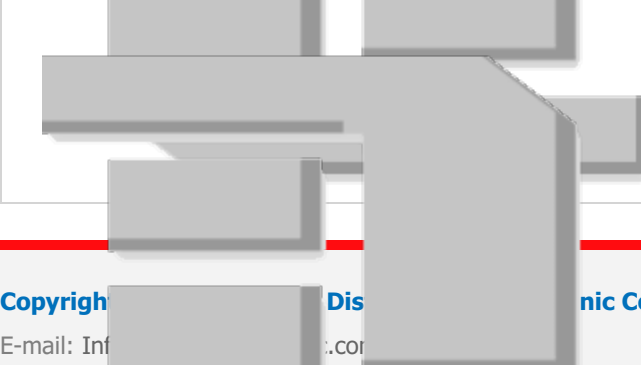
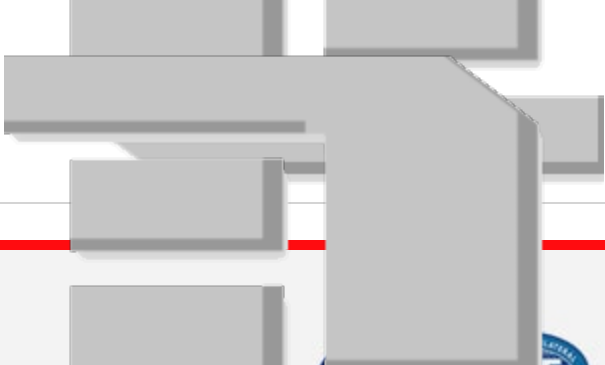
Specifications of P1021NXE2FFB

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | P1021NXE2FFB                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MPU Q OR IQ 800MHZ 689TEBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE               | 1212 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - I/O                    | -                                                                                     |
| USB                              | USB 2.0 + PHY (2)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 689-TEPBGA II (31x31)                                                                 |
| SPEED                            | 800MHz                                                                                |
| SERIES                           | QorIQ P1                                                                              |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                 |
| SATA                             | -                                                                                     |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                            |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 689-BBGA Exposed Pad                                                                  |
| OTHER NAMES                      | 935317284557                                                                          |
| 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                | Communications; QUICC Engine, Security; SEC 3.3                                       |
| BASE PART NUMBER                 | P1021                                                                                 |
| ADDITIONAL INTERFACES            | DUART, I²C, MMC/SD, SPI                                                               |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P1021NXE2FFB               | P1021NXE2FFB Distributor        | P1021NXE2FFB Supplier  |
| P1021NXE2FFB Price         | P1021NXE2FFB Pictures           | P1021NXE2FFB Image     |
| P1021NXE2FFB PDF Datasheet | P1021NXE2FFB Download Datasheet | P1021NXE2FFB Datasheet |
| P1021NXE2FFB Stock         | Buy P1021NXE2FFB                | Buy P1021NXE2FFB       |
| P1021NXE2FFB               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                              |                                                                                      |                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | <b>P1021NXN2HFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 952 pcs<br><b>RFQ</b>  |  | <b>P1021NSE2HFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 909 pcs<br><b>RFQ</b>  |
|  | <b>P1021NSN2FFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 6838 pcs<br><b>RFQ</b> |  | <b>P1021PSE2HFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689BGA<br>In stock: 6740 pcs<br><b>RFQ</b>   |
|  | <b>P1021NXE2DFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 1249 pcs<br><b>RFQ</b> |  | <b>P1021NXN2DFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 1538 pcs<br><b>RFQ</b> |
|  | <b>P1021NSN2DFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 1571 pcs<br><b>RFQ</b> |  | <b>P1021NSE2FFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 3027 pcs<br><b>RFQ</b> |
|  | <b>P1021NSN2HFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 1212 pcs<br><b>RFQ</b> |  | <b>P1021NXE2HFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 837 pcs<br><b>RFQ</b>  |
|  | <b>P1021NXN2FFB</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br>In stock: 1208 pcs<br><b>RFQ</b> |  | <b>P1021PSE2FDQAA</b><br>Manufacturers: NXP<br>Description: IC MPU Q OR IQ 800MHZ 689BGA<br>In stock: 5990 pcs<br><b>RFQ</b> |