

NXP Semiconductors / Freescale

KMPC8272CVRTIEA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8272CVRTIEA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC82XX 400MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6449 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

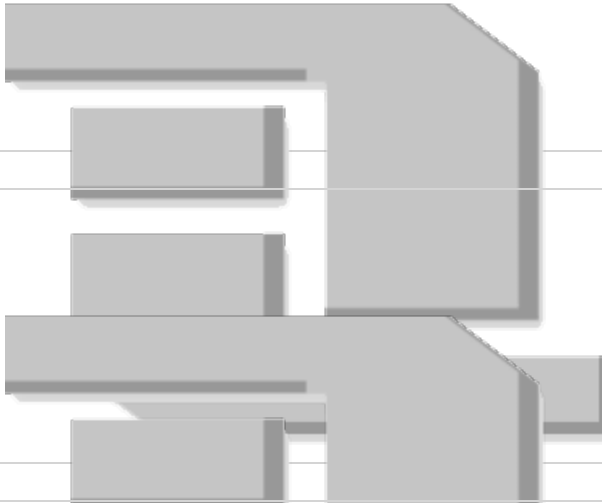
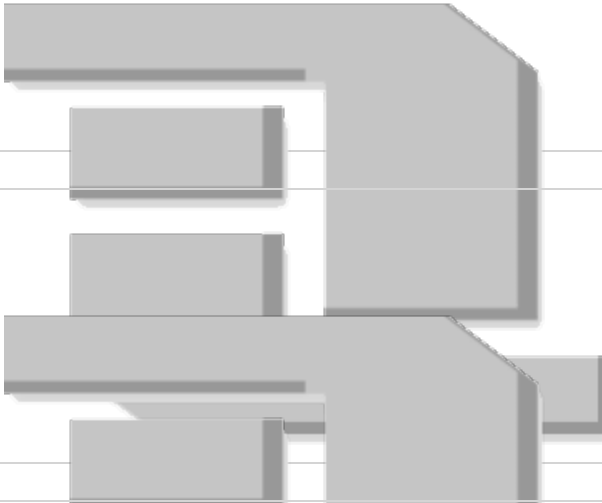
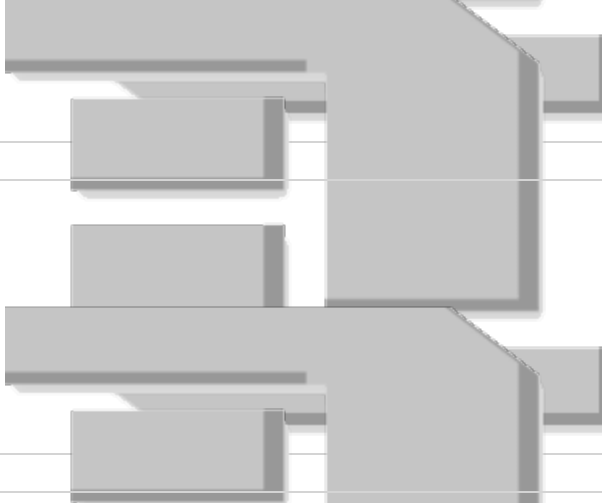
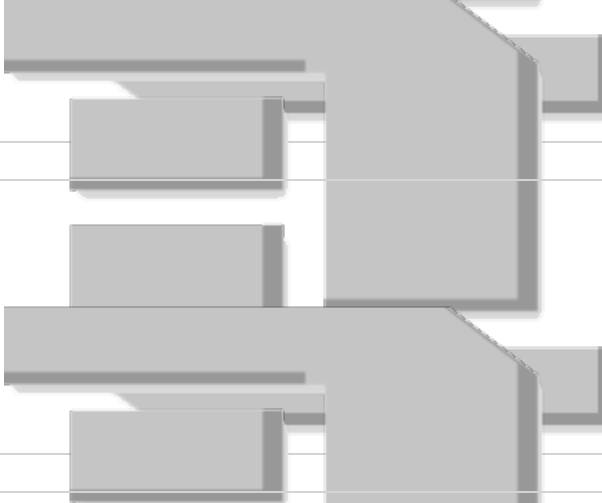
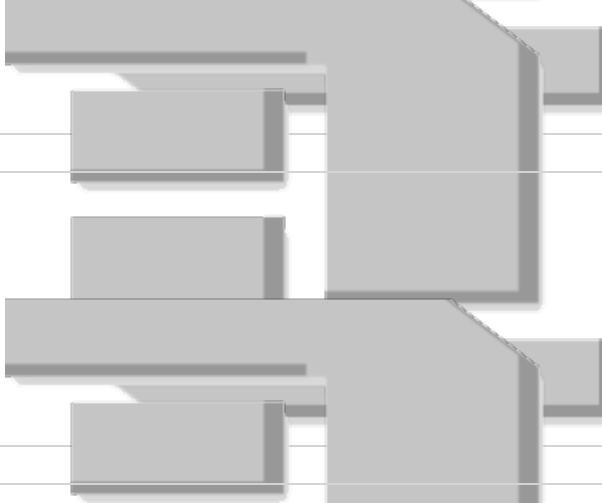
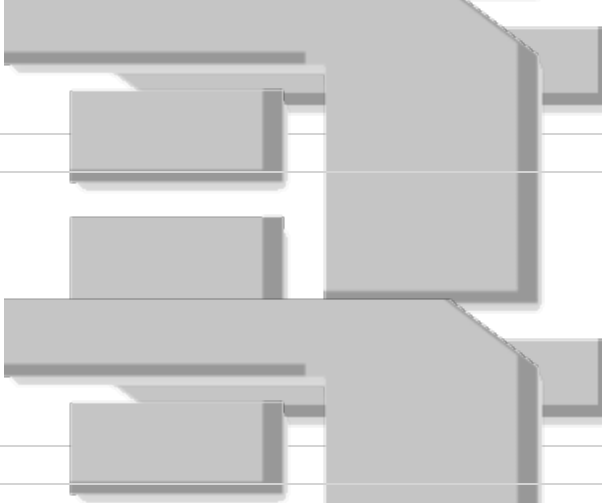
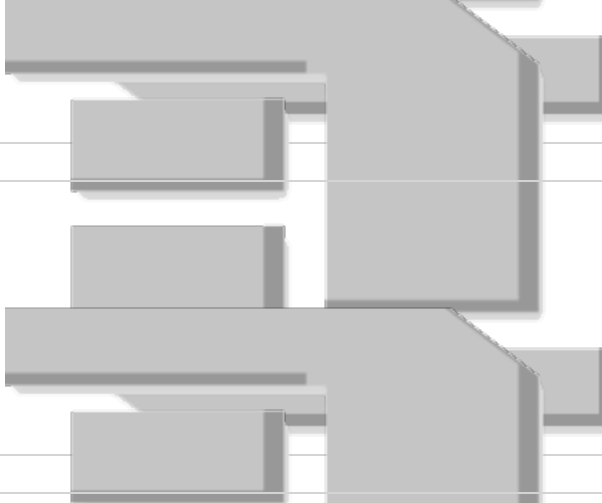
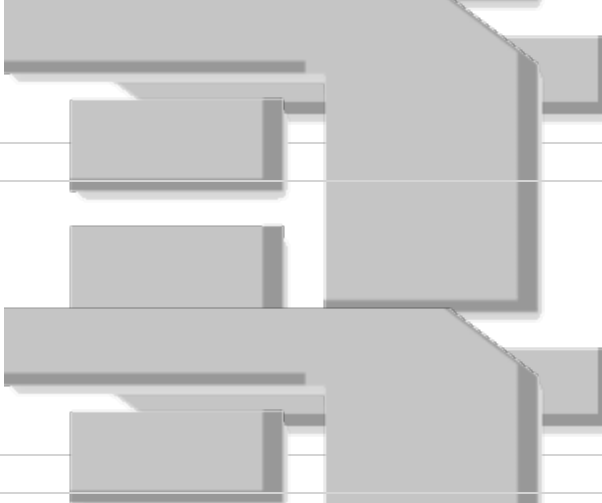
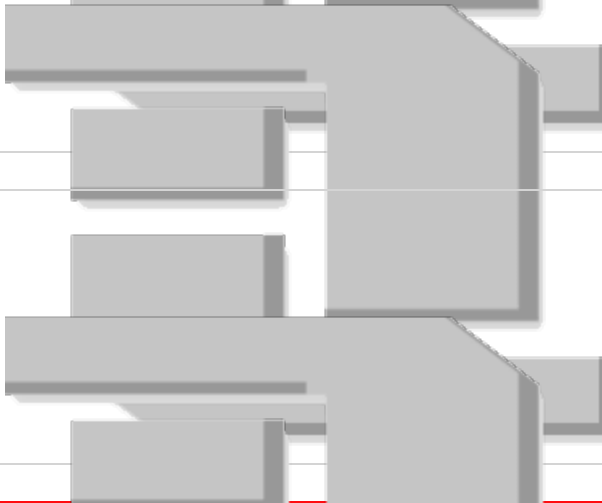
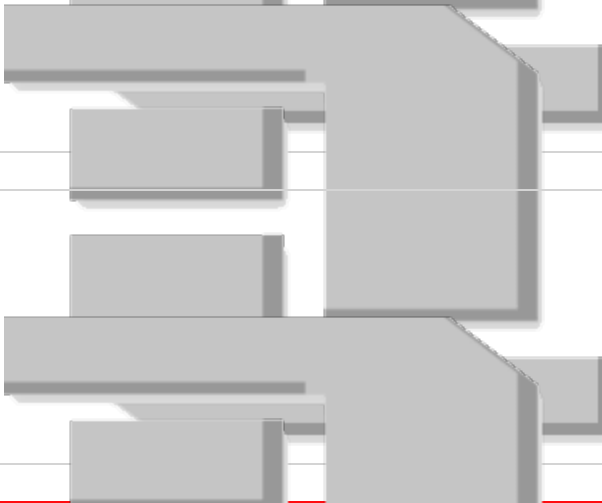
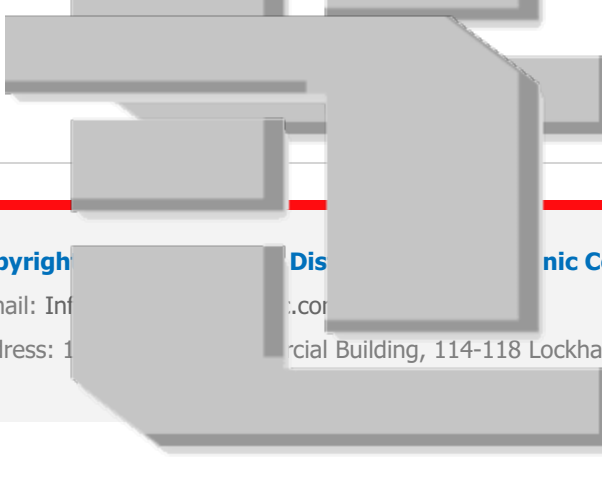
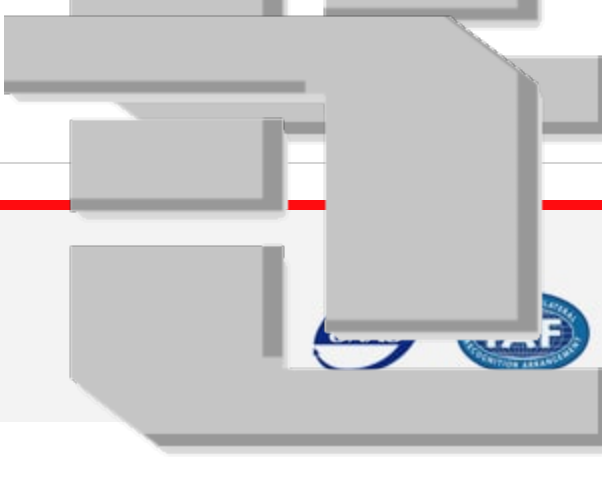
Specifications of KMPC8272CVRTIEA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8272CVRTIEA                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC82XX 400MHZ 516BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 6449 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 3.3V                                                                            |
| USB                              | USB 2.0 (1)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                               |
| SPEED                            | 400MHz                                                                          |
| SERIES                           | MPC82xx                                                                         |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                           |
| SATA                             | -                                                                               |
| RAM CONTROLLERS                  | DRAM, SDRAM                                                                     |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 516-BBGA                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                              |
| NUMBER OF CORES/BUS WIDTH        | 1 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 Mbps (2)                                                                 |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                               |
| DETAILED DESCRIPTION             | PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 400MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC G2_LE                                                                   |
| CO-PROCESSORS/DSP                | Communications; RISC CPM, Security; SEC                                         |
| BASE PART NUMBER                 | MPC8272                                                                         |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                    |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| KMPC8272CVRTIEA               | KMPC8272CVRTIEA Distributor        | KMPC8272CVRTIEA Supplier  |
| KMPC8272CVRTIEA Price         | KMPC8272CVRTIEA Pictures           | KMPC8272CVRTIEA Image     |
| KMPC8272CVRTIEA PDF Datasheet | KMPC8272CVRTIEA Download Datasheet | KMPC8272CVRTIEA Datasheet |
| KMPC8272CVRTIEA Stock         | Buy KMPC8272CVRTIEA                | Buy KMPC8272CVRTIEA       |
| KMPC8272CVRTIEA               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                         |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>KMPC8272ZQTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3494 pcs</p> <p>RFQ</p>  |  | <p><b>KMPC8271ZQTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3814 pcs</p> <p>RFQ</p>  |
|  | <p><b>KMPC8271CZQTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 2725 pcs</p> <p>RFQ</p> |  | <p><b>KMPC8272CZQTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 4563 pcs</p> <p>RFQ</p> |
|  | <p><b>KMPC8272VRTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 6082 pcs</p> <p>RFQ</p>  |  | <p><b>KMPC8272ZQTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3230 pcs</p> <p>RFQ</p>  |
|  | <p><b>KMPC8271VRTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 6369 pcs</p> <p>RFQ</p>  |  | <p><b>KMPC8271ZQTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3573 pcs</p> <p>RFQ</p>  |
|  | <p><b>KMPC8271CVRTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 5675 pcs</p> <p>RFQ</p> |  | <p><b>KMPC8271VRTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3061 pcs</p> <p>RFQ</p>  |
|  | <p><b>KMPC8272VRTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 3764 pcs</p> <p>RFQ</p>  |  | <p><b>KMPC8275CVRMIBA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 3321 pcs</p> <p>RFQ</p> |