

NXP Semiconductors / Freescale



## KMPC8321CZQADDC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8321CZQADDC                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 266MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4253 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

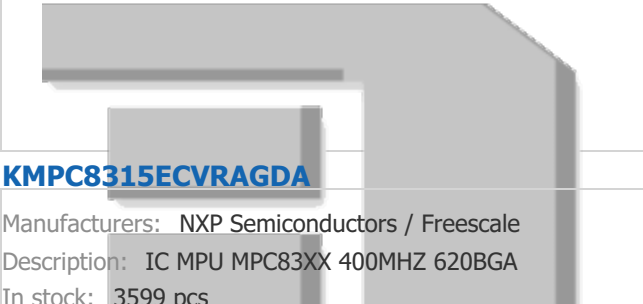
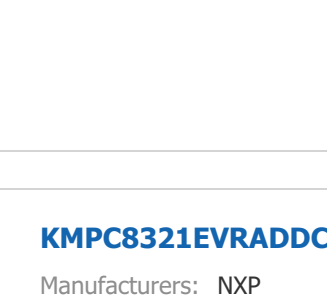
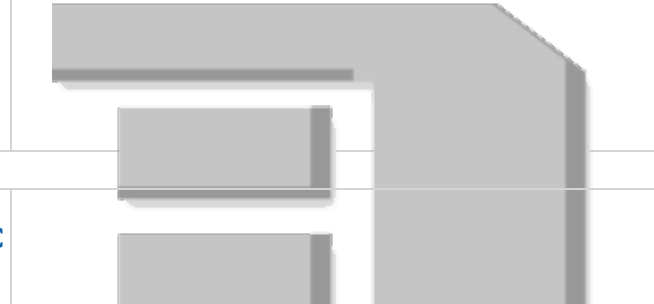
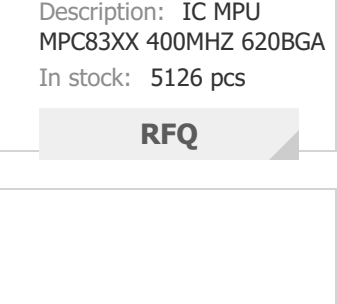
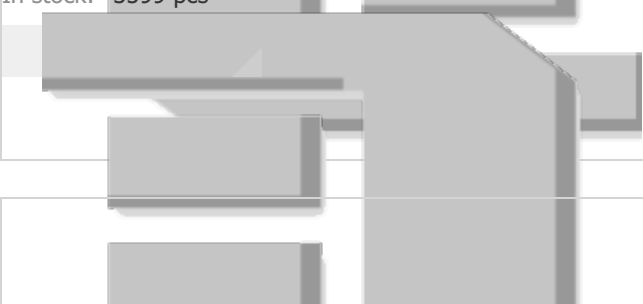
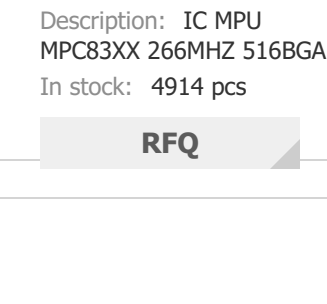
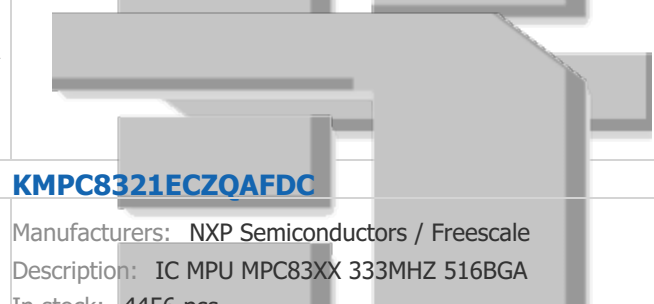
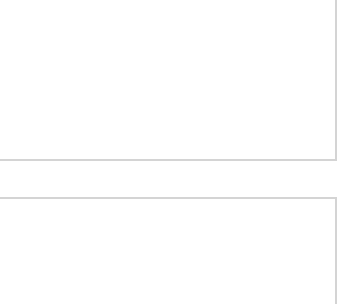
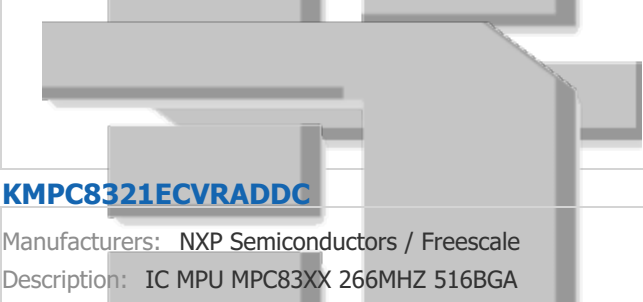
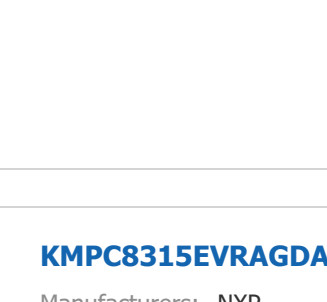
### Specifications of KMPC8321CZQADDC

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8321CZQADDC                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC83XX 266MHZ 516BGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 4253 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | USB 2.0 (1)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                                |
| SPEED                            | 266MHz                                                                           |
| SERIES                           | MPC83xx                                                                          |
| SECURITY FEATURES                | -                                                                                |
| SATA                             | -                                                                                |
| RAM CONTROLLERS                  | DDR, DDR2                                                                        |
| 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 (3)                                                                  |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                |
| DETAILED DESCRIPTION             | PowerPC e300c2 Microprocessor IC MPC83xx 1 Core, 32-Bit 266MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC e300c2                                                                   |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                     |
| BASE PART NUMBER                 | MPC8321                                                                          |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, SPI, TDM, UART                                     |

### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| KMPC8321CZQADDC               | KMPC8321CZQADDC Distributor        | KMPC8321CZQADDC Supplier  |
| KMPC8321CZQADDC Price         | KMPC8321CZQADDC Pictures           | KMPC8321CZQADDC Image     |
| KMPC8321CZQADDC PDF Datasheet | KMPC8321CZQADDC Download Datasheet | KMPC8321CZQADDC Datasheet |
| KMPC8321CZQADDC Stock         | Buy KMPC8321CZQADDC                | Buy KMPC8321CZQADDC       |
| KMPC8321CZQADDC               | Supplier                           | Distributor               |

### Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>KMPC8315ECVRAGDA</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 3599 pcs</p> |  <p><b>KMPC8321EVRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 4914 pcs</p> |  <p><b>KMPC8321CZQADDC</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 4253 pcs</p>  |  <p><b>KMPC8315CVRAGDA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 5126 pcs</p> |
|  <p><b>KMPC8321ECVRADDC</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 4154 pcs</p> |  <p><b>KMPC8315EVRAGDA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 4069 pcs</p> |  <p><b>KMPC8321ECVRAFDC</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 4959 pcs</p> |  <p><b>KMPC8321CVRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 6162 pcs</p> |
|  <p><b>KMPC8321CVRRAFDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 5537 pcs</p>                            |  <p><b>KMPC8321CZQAFDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 6104 pcs</p> |  <p><b>KMPC8315VRAGDA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: 6052 pcs</p>                              |                                                                                                                                                                                                                    |
|  <p><b>KMPC8321ECZQADDC</b></p> <p>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 2714 pcs</p> |                                                                                                                                                                                                                  |                                                                                                                                                                                                                                               |                                                                                                                                                                                                                    |

