

NXP Semiconductors / Freescale

KMPC8358CVRAGDGA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8358CVRAGDGA                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 400MHZ 668BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3534 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

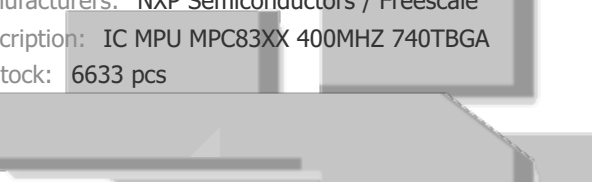
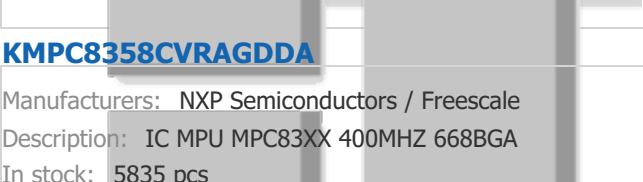
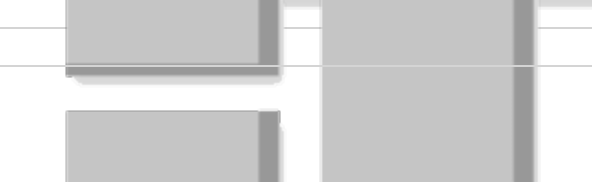
Specifications of KMPC8358CVRAGDGA

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8358CVRAGDGA                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU MPC83XX 400MHZ 668BGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 3534 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                  |
| USB                              | USB 1.x (1)                                                                       |
| SUPPLIER DEVICE PACKAGE          | 668-PBGA-PGE (29x29)                                                              |
| SPEED                            | 400MHz                                                                            |
| SERIES                           | MPC83xx                                                                           |
| SECURITY FEATURES                | -                                                                                 |
| SATA                             | -                                                                                 |
| RAM CONTROLLERS                  | DDR, DDR2                                                                         |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 668-BBGA Exposed Pad                                                              |
| 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                         | 10/100/1000 Mbps (1)                                                              |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                 |
| DETAILED DESCRIPTION             | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 668-PBGA-PGE (29x29) |
| CORE PROCESSOR                   | PowerPC e300                                                                      |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                      |
| BASE PART NUMBER                 | MPC8358                                                                           |
| ADDITIONAL INTERFACES            | DUART, HDLC, I²C, PCI, SPI, UART                                                  |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| KMPC8358CVRAGDGA               | KMPC8358CVRAGDGA Distributor        | KMPC8358CVRAGDGA Supplier  |
| KMPC8358CVRAGDGA Price         | KMPC8358CVRAGDGA Pictures           | KMPC8358CVRAGDGA Image     |
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| KMPC8358CVRAGDGA               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>KMPC8349ZUAGDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 672TBGA<br>In stock: 5848 pcs<br><b>RFQ</b>               | <br><b>KMPC8349ZUAJDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 533MHZ 672TBGA<br>In stock: 7026 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8358CZUAGDG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 740TBGA<br>In stock: 5164 pcs<br><b>RFQ</b>              | <br><b>KMPC8349ZUALFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 667MHZ 672TBGA<br>In stock: 3272 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8358CZVAGDG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 740TBGA<br>In stock: 5036 pcs<br><b>RFQ</b>              | <br><b>KMPC8358ECVAGDG</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 400MHZ 740TBGA<br>In stock: 6633 pcs<br><b>RFQ</b>  |
| <br><b>KMPC8358CVRAGDDA</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 400MHZ 668BGA<br>In stock: 5835 pcs | <br><b>KMPC8349ZUAJFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 533MHZ 672TBGA<br>In stock: 4199 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8358CZQAGDGA</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 400MHZ 668BGA<br>In stock: 7037 pcs | <br><b>KMPC8358ECZUAGDG</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 400MHZ 740TBGA<br>In stock: 5024 pcs<br><b>RFQ</b> |
| <br><b>KMPC8349ZUAJF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 533MHZ 672TBGA<br>In stock: 6574 pcs<br><b>RFQ</b>                | <br><b>KMPC8358CZQAGDDA</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 400MHZ 668BGA<br>In stock: 5001 pcs<br><b>RFQ</b>  |