



Image may be representation. See specifications for product details.

KMPC8343EVRAGD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8343EVRAGD                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 400MHZ 620BGA                                                                                 |
| Datasheets:         |  KMPC8343EVRAGD.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

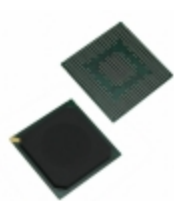
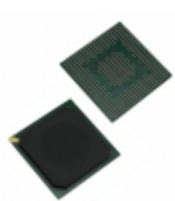
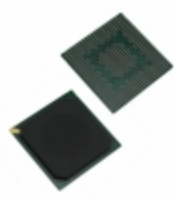
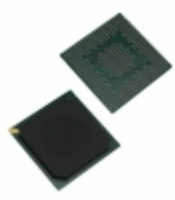
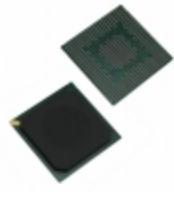
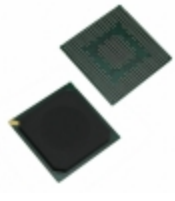
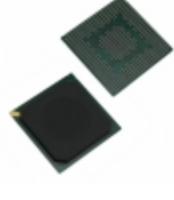
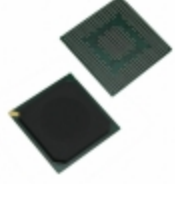
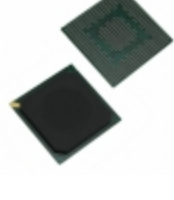
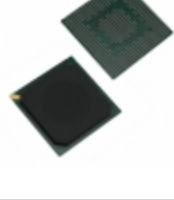
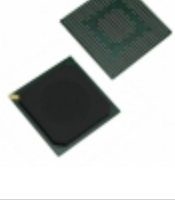
Specifications of KMPC8343EVRAGD

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8343EVRAGD                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                         |
| DESCRIPTION                      | IC MPU MPC83XX 400MHZ 620BGA                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  KMPC8343EVRAGD.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                       |
| USB                              | USB 2.0 + PHY (2)                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 620-PBGA (29x29)                                                                                       |
| SPEED                            | 400MHz                                                                                                 |
| SERIES                           | MPC83xx                                                                                                |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                                  |
| SATA                             | -                                                                                                      |
| RAM CONTROLLERS                  | DDR, DDR2                                                                                              |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 620-BBGA Exposed Pad                                                                                   |
| OPERATING TEMPERATURE            | 0°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 (3)                                                                                   |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                      |
| DETAILED DESCRIPTION             | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 620-PBGA (29x29)                          |
| CORE PROCESSOR                   | PowerPC e300                                                                                           |
| CO-PROCESSORS/DSP                | Security; SEC                                                                                          |
| BASE PART NUMBER                 | MPC8343                                                                                                |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, SPI                                                                      |

Related Tags

|                                               |                                         |                                                   |
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| Freescale Semiconductor - NXP KMPC8343EVRAGD  | NXP USA Inc. KMPC8343EVRAGD             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
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|  <div><b>KMPC8343EZQAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>KMPC8343EVRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>KMPC8343ECVRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>KMPC8343VRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>KMPC8343ZQAGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>KMPC8343EZQAGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>KMPC8343CZQAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>KMPC8343CVRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>KMPC8343ECZQAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>KMPC8323ZQAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>KMPC8343CZQAGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>KMPC8343VRAGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 620BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |