

KMPC8378ECVRALG



Part Number: [KMPC8378ECVRALG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC83XX 667MHZ 689TEBGA

Data sheet:  [MPC837x Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

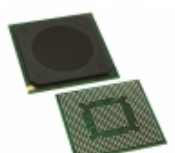
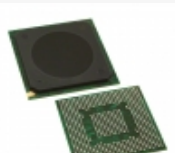
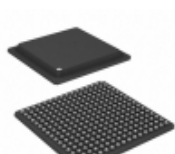
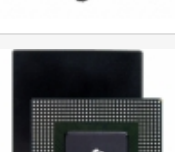
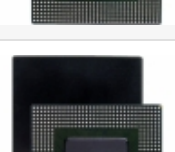
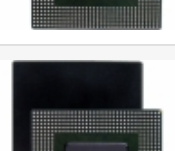
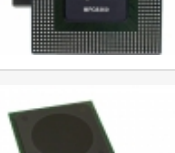
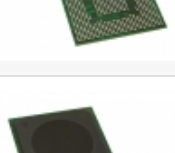
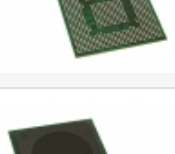
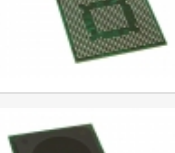
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy KMPC8378ECVRALG with confidence from  
Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |                                  |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | KMPC8378ECVRALG                                                                       | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU MPC83XX 667MHZ 689TEBGA                                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 4723 pcs                                                                              | Data sheet                       | <a href="#">MPC837x Fact Sheet</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                             | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                       | USB 2.0 + PHY (1)                                                                     | Supplier Device Package          | 689-TEPBGA II (31x31)                          |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                     | 667MHz                                                                                | Series                           | MPC83xx                                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                         | Cryptography, Random Number Generator                                                 | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                           | DDR, DDR2                                                                             | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 689-BBGA Exposed Pad                                                                  | Operating Temperature            | -40°C ~ 125°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 (2)                                                                  | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | PowerPC e300c4s Microprocessor IC MPC83xx 1 Core, 32-Bit 667MHz 689-TEPBGA II (31x31) | Core Processor                   | PowerPC e300c4s                                |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                         | Security; SEC 3.0                                                                     | Base Part Number                 | MPC8378                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                     | DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI                                             |                                  |                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 4723 pieces of NXP Semiconductors / Freescale KMPC8378ECVRALG in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                                       |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                             |                                                               |                     |
|------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">KMPC8377CVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8379EVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC850DEZQ50BU</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |                     |
|  | Part#: <a href="#">KMPC8378VRALG</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8360ZUAHFH</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 500MHZ 740TBGA  |                                                               |                     |
|  | Part#: <a href="#">KMPC8378EVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8379VRALG</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8377ECVRALG</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC850DECVR66BU</a>     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |                     |
|  | Part#: <a href="#">KMPC8360ZUALFHA</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 740TBGA  |                                                               |                     |
|  | Part#: <a href="#">KMPC8360ZUALFG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 740TBGA  |                                                               |                     |
|  | Part#: <a href="#">KMPC8360ZUAJDG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 533MHZ 740TBGA  |                                                               |                     |
|  | Part#: <a href="#">KMPC850DEV80BU</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA     |                                                               |                     |
|  | Part#: <a href="#">KMPC850DECVR50BU</a>     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |                     |
|  | Part#: <a href="#">KMPC8360ZUAJDGA</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 533MHZ 740TBGA  |                                                               |                     |
|  | Part#: <a href="#">KMPC8379CVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8379ECVRALG</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8377EVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8378CVRALG</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |
|  | Part#: <a href="#">KMPC8377VRALG</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |                     |

Related keywords for KMPC8378ECVRALG

|                                |                                    |                                    |                              |
|--------------------------------|------------------------------------|------------------------------------|------------------------------|
| NXP Semiconductors / Freescale | KMPC8378ECVRALG distributor        | KMPC8378ECVRALG supplier           | KMPC8378ECVRALG price        |
| KMPC8378ECVRALG                | KMPC8378ECVRALG download datasheet | KMPC8378ECVRALG datasheet          | KMPC8378ECVRALG stock        |
| buy KMPC8378ECVRALG            | NXP Semiconductors / Freescale     | NXP Semiconductors KMPC8378ECVRALG | Freescale KMPC8378ECVRALG    |
|                                | KMPC8378ECVRALG                    | Freescale Semiconductor - NXP      | NXP USA Inc. KMPC8378ECVRALG |
|                                |                                    | KMPC8378ECVRALG                    |                              |