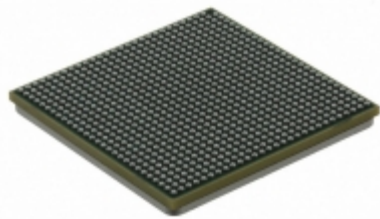


KMC8144VT1000A



Images are for reference only.  
See Product Specifications for product details.  
**Buy KMC8144VT1000A with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [KMC8144VT1000A](#)

**Manufacturer** [NXP Semiconductors / Freescale](#)

**Description** IC DSP 783FCBGA

**Data sheet:**  [MSC8144](#)

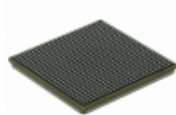
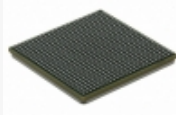
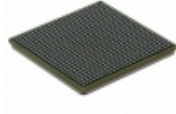
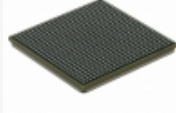
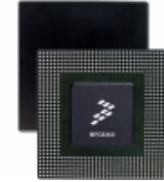
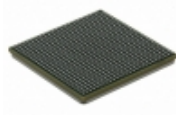
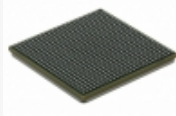
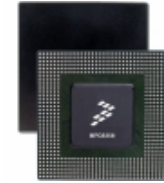
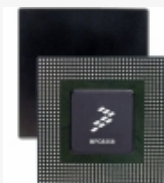
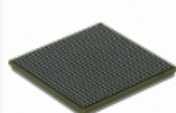
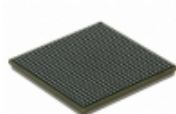
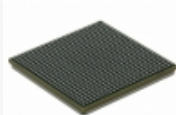
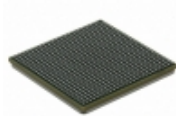
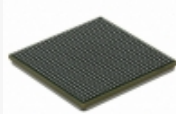
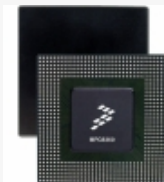
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                                |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | KMC8144VT1000A                                                      | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC DSP 783FCBGA                                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5325 pcs                                                            | Data sheet                     | <a href="#">MSC8144</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - I/O                  | 3.30V                                          |
| Voltage - Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.00V                                                               | Type                           | SC3400 Core                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 783-FCPBGA (29x29)                                                  | Series                         | StarCore                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tray                                                                | Package / Case                 | 783-BBGA, FCBGA                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0°C ~ 90°C (TJ)                                                     | On-Chip RAM                    | 10.5MB                                         |
| Non-Volatile Memory                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ROM (96 kB)                                                         | Mounting Type                  | Surface Mount                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                     |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EBI/EMI, Ethernet, I²C, PCI, Serial RapidIO, SPI, TDM, UART, UTOPIA | Clock Rate                     | 1GHz                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC8144                                                              |                                |                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5325 pieces of NXP Semiconductors / Freescale KMC8144VT1000A 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                     |                                |                                                |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">KMC8144TVT1000B</a><br>Description: IC DSP 783FCBGA                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144SVT1000B</a><br>Description: IC DSP 783FCBGA                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144VT800A</a><br>Description: IC DSP 783FCBGA                  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144SVT1000A</a><br>Description: IC DSP 783FCBGA                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358CZUAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 740TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358ECVRAGDDA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144SVT800A</a><br>Description: IC DSP 783FCBGA                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144SVT800B</a><br>Description: IC DSP 783FCBGA                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358ECZQAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358ECVRAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8113TVT4800V</a><br>Description: IC DSP 300/400MHZ 431FCBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144TVT800A</a><br>Description: IC DSP 783FCBGA                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144VT800B</a><br>Description: IC DSP 783FCBGA                  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144VT1000B</a><br>Description: IC DSP 783FCBGA                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144TVT1000A</a><br>Description: IC DSP 783FCBGA                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8144TVT800B</a><br>Description: IC DSP 783FCBGA                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358ECZQAGDDA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358CVVAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 740TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8113TVT3600V</a><br>Description: IC DSP 300/400MHZ 431FCBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC8358ECVVAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 740TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

|                                            |                                   |                                              |                             |
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