

NXP Semiconductors / Freescale

MSC8144VT800A

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSC8144VT800A                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC DSP QUAD 800MHZ 783FCBGA                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5723 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

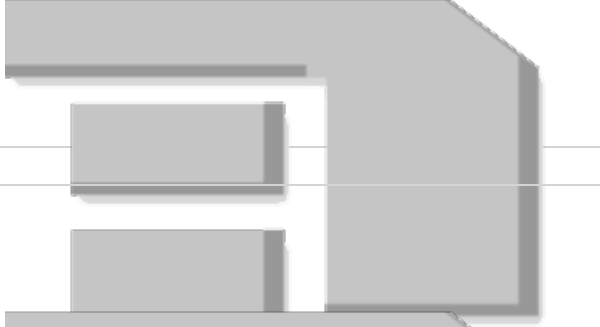
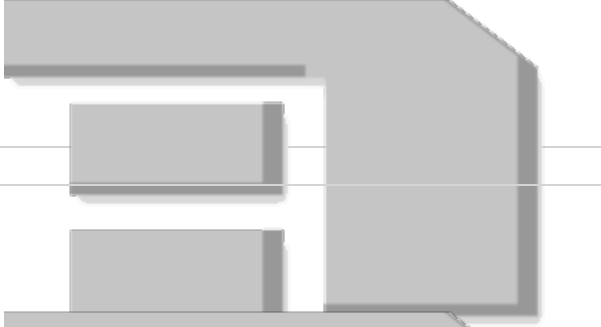
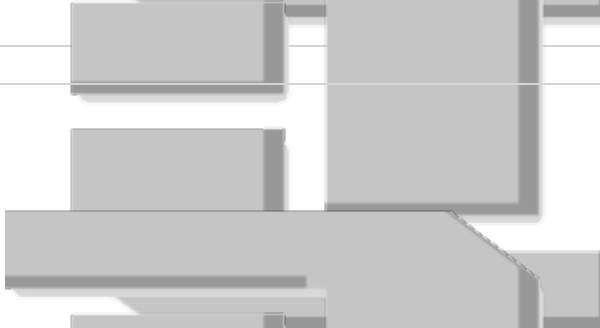
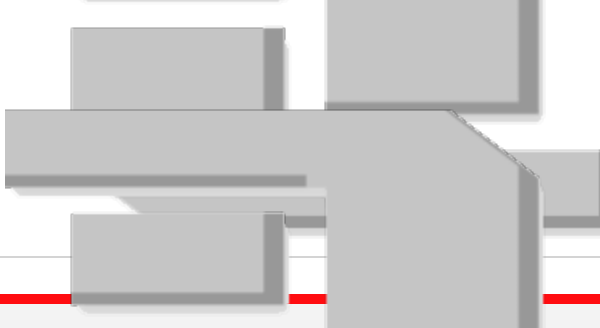
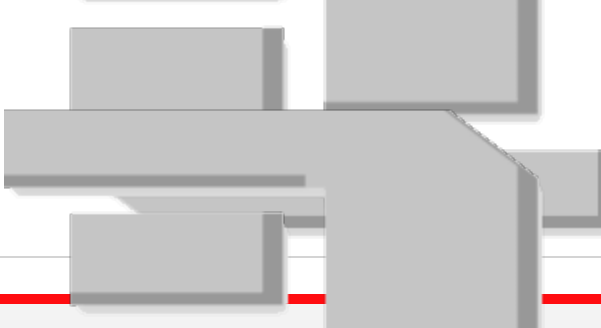
Specifications of MSC8144VT800A

|                                  |                                       |
|----------------------------------|---------------------------------------|
| PART NUMBER                      | MSC8144VT800A                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale        |
| DESCRIPTION                      | IC DSP QUAD 800MHZ 783FCBGA           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant            |
| QUANTITY AVAILABLE               | 5723 pcs                              |
| DATA SHEET                       |                                       |
| 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              | External                              |
| MOUNTING TYPE                    | Surface Mount                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant            |
| INTERFACE                        | Ethernet, I²C, SPI, TDM, UART, UTOPIA |
| CLOCK RATE                       | 800MHz                                |
| BASE PART NUMBER                 | MSC8144                               |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MSC8144VT800A               | MSC8144VT800A Distributor        | MSC8144VT800A Supplier  |
| MSC8144VT800A Price         | MSC8144VT800A Pictures           | MSC8144VT800A Image     |
| MSC8144VT800A PDF Datasheet | MSC8144VT800A Download Datasheet | MSC8144VT800A Datasheet |
| MSC8144VT800A Stock         | Buy MSC8144VT800A                | Buy MSC8144VT800A       |
| MSC8144VT800A               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                            |                                                                                      |                                                                                                                                           |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MSC8151TVT1000B</b></p> <p>Manufacturers: NXP<br/>Description: IC PROCESSOR SGL DGTL 783FCBGA<br/>In stock: 6945 pcs</p> <p>RFQ</p>  |  | <p><b>MSC8144VT1000B</b></p> <p>Manufacturers: NXP<br/>Description: ENCRYPTION PACSUN R2.1 783FCBGA<br/>In stock: 6366 pcs</p> <p>RFQ</p> |
|  | <p><b>MSC8144TVT1000B</b></p> <p>Manufacturers: NXP<br/>Description: ENCRYPTION PACSUN R2.1 783FCBGA<br/>In stock: 4195 pcs</p> <p>RFQ</p> |  | <p><b>MSC8144VT800B</b></p> <p>Manufacturers: NXP<br/>Description: ENCRYPTION PACSUN R2.1 783FCBGA<br/>In stock: 3499 pcs</p> <p>RFQ</p>  |
|  | <p><b>MSC8151SAG1000B</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP 1X 1GHZ SC3850 783FCBGA<br/>In stock: 5252 pcs</p> <p>RFQ</p>  |  | <p><b>MSC8151SVT1000B</b></p> <p>Manufacturers: NXP<br/>Description: IC PROCESSOR SGL DGTL 783FCBGA<br/>In stock: 3554 pcs</p> <p>RFQ</p> |
|  | <p><b>MSC8144VT1000A</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP QUAD 1GHZ 783FCBGA<br/>In stock: 3004 pcs</p> <p>RFQ</p>        |  | <p><b>MSC8144TVT1000A</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP QUAD 1GHZ 783FCBGA<br/>In stock: 6578 pcs</p> <p>RFQ</p>      |
|  | <p><b>MSC8151TAG1000B</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP 1X 1GHZ SC3850 783FCBGA<br/>In stock: 4557 pcs</p> <p>RFQ</p>  |  | <p><b>MSC8144TVT800B</b></p> <p>Manufacturers: NXP<br/>Description: ENCRYPTION PACSUN R2.1 783FCBGA<br/>In stock: 4613 pcs</p> <p>RFQ</p> |
|  | <p><b>MSC8152SAG1000B</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP 2X 1GHZ SC3850 783FCBGA<br/>In stock: 6861 pcs</p> <p>RFQ</p>  |  | <p><b>MSC8144TVT800A</b></p> <p>Manufacturers: NXP<br/>Description: IC DSP QUAD 800MHZ 783FCBGA<br/>In stock: 5293 pcs</p> <p>RFQ</p>     |