



NXP Semiconductors / Freescale

MSC8112TMP2400V

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSC8112TMP2400V                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | DSP DUAL CORE 431FCBGA                                                                                                |
| Datasheets:         |  <a href="#">MSC8112TMP2400V.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant  |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

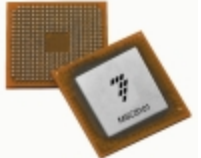
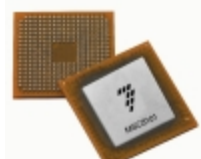
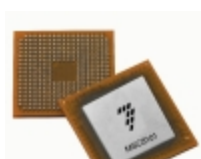
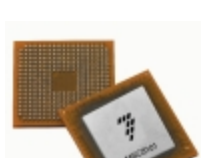
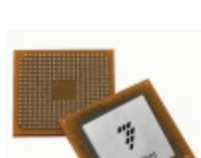
Specifications of MSC8112TMP2400V

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSC8112TMP2400V                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | DSP DUAL CORE 431FCBGA                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| DATA SHEET                       |  <a href="#">MSC8112TMP2400V.pdf</a> |
| VOLTAGE - I/O                    | 3.30V                                                                                                                   |
| VOLTAGE - CORE                   | 1.10V                                                                                                                   |
| TYPE                             | SC140 Core                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 431-FCPBGA (20x20)                                                                                                      |
| SERIES                           | StarCore                                                                                                                |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 431-BFBGA, FCBGA                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                                                      |
| ON-CHIP RAM                      | 448kB                                                                                                                   |
| NON-VOLATILE MEMORY              | External                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| INTERFACE                        | Ethernet, I²C, TDM, UART                                                                                                |
| CLOCK RATE                       | 300MHz                                                                                                                  |
| BASE PART NUMBER                 | MSC8112                                                                                                                 |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MSC8112TMP2400V | MSC8112TMP2400V Distributor             | MSC8112TMP2400V Supplier                           |
| MSC8112TMP2400V Price                          | MSC8112TMP2400V Pictures                | MSC8112TMP2400V Image                              |
| MSC8112TMP2400V PDF Datasheet                  | MSC8112TMP2400V Download Datasheet      | MSC8112TMP2400V Datasheet                          |
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| Freescale Semiconductor - NXP MSC8112TMP2400V  | NXP USA Inc. MSC8112TMP2400V            |                                                    |

Related Products

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MSC8122MP8000</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP 16BIT 500MHZ MULTI 431FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MSC8103M1200F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP 16BIT 300MHZ CPM 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MSC8103VT1100F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 16BIT 275MHZ 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MSC8113TVT3600V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP TRI-CORE 431FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MSC8113TMP4800V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP TRI-CORE 431FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>MSC8112TVT2400V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP DUAL CORE 431FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MSC8103VT1200F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 16BIT 300MHZ 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MSC8113TMP3600V</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP TRI-CORE 431FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MSC8101VT1500F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 16BIT 250MHZ 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MSC8101VT1375F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 16BIT 250MHZ 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MSC8103M1100F</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DSP 16BIT 275MHZ CPM 332FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MSC8122ADSE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT ADVANCED DEV SYSTEM 8122<br/>In stock: Out stock<br/><div>RFQ</div></div>    |