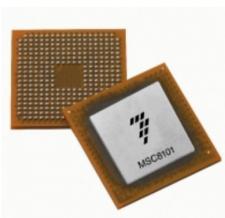


## MSC8103M1200F



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See Product Specifications for product details.  
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**Part Number:** [MSC8103M1200F](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** DSP 16BIT 300MHZ CPM 332FCBGA  
**Data sheet:** [MSC8103 Fact Sheet](#)  
[MSC8103 Prod Brief](#)

**RoHS Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	MSC8103M1200F	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	DSP 16BIT 300MHZ CPM 332FCBGA	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	5315 pcs	<b>Data sheet</b>	<a href="#">MSC8103 Fact Sheet</a> <a href="#">MSC8103 Prod Brief</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - I/O</b>	3.30V
<b>Voltage - Core</b>	1.60V	<b>Type</b>	SC140 Core
<b>Supplier Device Package</b>	332-FCBGA (17x17)	<b>Series</b>	StarCore
<b>Packaging</b>	Tray	<b>Package / Case</b>	332-BFBGA, FCBGA
<b>Operating Temperature</b>	-40°C ~ 75°C (TJ)	<b>On-Chip RAM</b>	512KB
<b>Non-Volatile Memory</b>	External	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Interface</b>	Communications Processor Module (CPM)	<b>Clock Rate</b>	300MHz
<b>Base Part Number</b>	MSC8103		

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	<b>Part#:</b> <a href="#">MSC8112TVT2400V</a> <b>Description:</b> DSP DUAL CORE 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8103VT1200F</a> <b>Description:</b> IC DSP 16BIT 300MHZ 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8122MP8000</a> <b>Description:</b> DSP 16BIT 500MHZ MULTI 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8122TMP4800V</a> <b>Description:</b> DSP 16BIT 300MHZ MULTI 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101M1500F</a> <b>Description:</b> DSP 16BIT 300MHZ CPM 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101VT1375F</a> <b>Description:</b> IC DSP 16BIT 250MHZ 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8112TMP2400V</a> <b>Description:</b> DSP DUAL CORE 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC80806</a> <b>Description:</b> RF POWER TRANSISTOR	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101M1375F</a> <b>Description:</b> DSP 16BIT 275MHZ CPM 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101M1250F</a> <b>Description:</b> DSP 16BIT 250MHZ CPM 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8113TVT3600V</a> <b>Description:</b> DSP TRI-CORE 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8122ADSE</a> <b>Description:</b> KIT ADVANCED DEV SYSTEM 8122	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC74070</a> <b>Description:</b> RF POWER TRANSISTOR	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8113TMP3600V</a> <b>Description:</b> DSP TRI-CORE 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8103M1100F</a> <b>Description:</b> DSP 16BIT 275MHZ CPM 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8113TMP4800V</a> <b>Description:</b> DSP TRI-CORE 431FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC80205</a> <b>Description:</b> RF POWER TRANSISTOR	<b>Manufacturers:</b> <a href="#">Microsemi</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101VT1500F</a> <b>Description:</b> IC DSP 16BIT 250MHZ 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8101VT1250F</a> <b>Description:</b> IC DSP 16BIT 250MHZ 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MSC8103VT1100F</a> <b>Description:</b> IC DSP 16BIT 275MHZ 332FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

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