



NXP Semiconductors / Freescale



MSC8252SAG1000B

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MSC8252SAG1000B                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC DSP 2X 1GHZ SC3850 783FCBGA                                                                               |
|                     |  1.MSC8252SAG1000B.pdf      |
|                     |  2.MSC8252SAG1000B.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

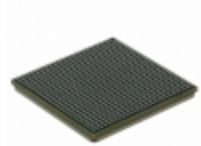
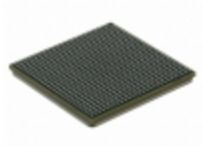
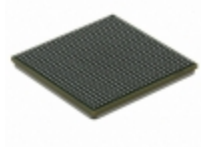
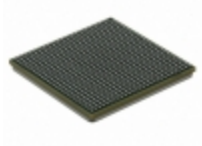
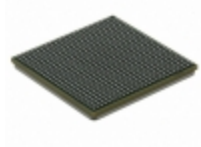
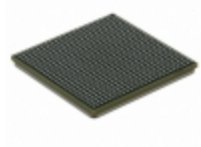
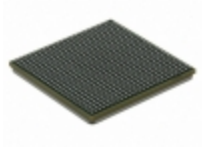
Specifications of MSC8252SAG1000B

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MSC8252SAG1000B                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC DSP 2X 1GHZ SC3850 783FCBGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.MSC8252SAG1000B.pdf<br> 2.MSC8252SAG1000B.pdf |
| VOLTAGE - I/O                    | 2.50V                                                                                                                                                                                                                  |
| VOLTAGE - CORE                   | 1.00V                                                                                                                                                                                                                  |
| TYPE                             | SC3850 Dual Core                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                                                                                                                                                                      |
| SERIES                           | StarCore                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                                                                                                                                                        |
| OTHER NAMES                      | 935319996557                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TJ)                                                                                                                                                                                                       |
| ON-CHIP RAM                      | 576kB                                                                                                                                                                                                                  |
| 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                        | Ethernet, I²C, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART                                                                                                                                                      |
| CLOCK RATE                       | 1GHz                                                                                                                                                                                                                   |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MSC8252SAG1000B | MSC8252SAG1000B Distributor             | MSC8252SAG1000B Supplier                           |
| MSC8252SAG1000B Price                          | MSC8252SAG1000B Pictures                | MSC8252SAG1000B Image                              |
| MSC8252SAG1000B PDF Datasheet                  | MSC8252SAG1000B Download Datasheet      | MSC8252SAG1000B Datasheet                          |
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| NXP Semiconductors / Freescale MSC8252SAG1000B | NXP Semiconductors MSC8252SAG1000B      | Freescale MSC8252SAG1000B                          |
| Freescale Semiconductor - NXP MSC8252SAG1000B  | NXP USA Inc. MSC8252SAG1000B            |                                                    |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div><b>MSC8254SVT1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR 4-CORE 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MSC8254SAG1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 4X 1GHZ SC3850 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MSC8252TAG1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 2X 1GHZ SC3850 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MSC8157TVT1000A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 6-CORE DGTL 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MSC8252SVT1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR 2-CORE 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MSC8157TAG1000A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 6X 1GHZ SC3850 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MSC8251TAG1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 1X 1GHZ SC3850 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MSC8254SVT800B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR 4-CORE 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>MSC8251SVT1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR 1-CORE 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MSC8251SAG1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP 1X 1GHZ SC3850 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MSC8252TVT1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC PROCESSOR 2-CORE 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MSC8251TVT1000B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC DSP SINGLE 1GHZ 783FCBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>    |

