

MSC8156SAG1000B



Part Number: [MSC8156SAG1000B](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC DSP 6X 1GHZ SC3850 783FCBGA

Data sheet:  [MSC8156](#)
 [MSC8156 Brief](#)
 [MSC8156/E Fact Sheet](#)
 [TBI Link Status Errata](#)
 [MSC8156 Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

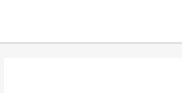
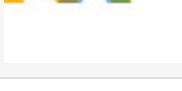
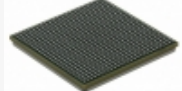
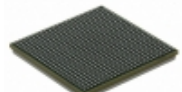
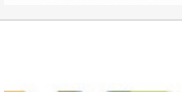
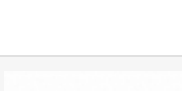
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PRODUCT PARAMETER			
Part Number	MSC8156SAG1000B	Manufacturer	NXP Semiconductors / Freescale
Description	IC DSP 6X 1GHZ SC3850 783FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	557 pcs	Data sheet	MSC8156 MSC8156 Brief MSC8156/E Fact Sheet TBI Link Status Errata MSC8156 Reference Manual
Category	Integrated Circuits (ICs)	Voltage - I/O	2.50V
Voltage - Core	1.00V	Type	SC3850 Six Core
Supplier Device Package	783-FCPBGA (29x29)	Series	StarCore
Packaging	Tray	Package / Case	783-BBGA, FCBGA
Other Names	935311146557	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, PC, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART
Clock Rate	1GHz		
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