

MSC8154ESAG1000B



Part Number: [MSC8154ESAG1000B](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC DSP 4X 1GHZ SC3850 783FCBGA

Data sheet:  [MSC8154E Brief](#)
 [MSC8154E](#)
 [TBI Link Status Errata](#)
 [MSC8154\(E\) Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

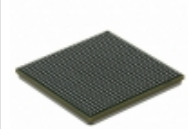
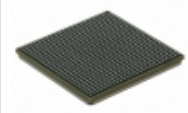
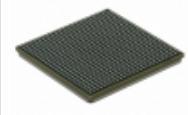
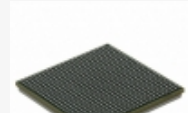
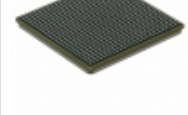
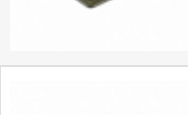
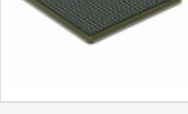
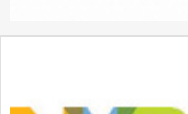
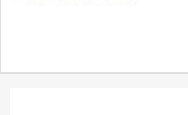
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PRODUCT PARAMETER			
Part Number	MSC8154ESAG1000B	Manufacturer	NXP Semiconductors / Freescale
Description	IC DSP 4X 1GHZ SC3850 783FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4306 pcs	Data sheet	MSC8154E Brief MSC8154E TBI Link Status Errata MSC8154(E) Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	2.50V
Voltage - Core	1.00V	Type	SC3850 Quad Core
Supplier Device Package	783-FCPBGA (29x29)	Series	StarCore
Packaging	Tray	Package / Case	783-BBGA, FCBGA
Other Names	935317962557	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, I ² C, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART
Clock Rate	1GHz		
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