




NXP Semiconductors / Freescale

## MSC8157TAG1000A

Part Number: MSC8157TAG1000A  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: IC DSP 6X 1GHZ SC3850 783FCBGA  
 Datasheets: [PDF MSC8157TAG1000A.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

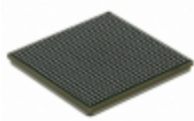
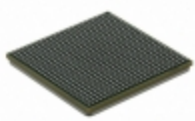
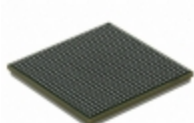
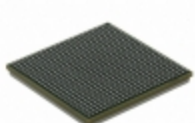


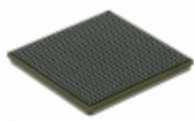



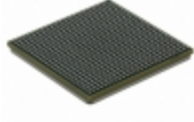

### Specifications of MSC8157TAG1000A

PART NUMBER	MSC8157TAG1000A
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC DSP 6X 1GHZ SC3850 783FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF MSC8157TAG1000A.pdf</a>
VOLTAGE - I/O	1.0V, 1.5V, 2.5V
VOLTAGE - CORE	1.00V
TYPE	SC3850 Six Core
SUPPLIER DEVICE PACKAGE	783-FCBGA (29x29)
SERIES	StarCore
PACKAGING	Tray
PACKAGE / CASE	783-BBGA, FCBGA
OTHER NAMES	935320235557
OPERATING TEMPERATURE	-40°C ~ 105°C (TJ)
ON-CHIP RAM	6.375MB
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 <sup>2</sup> C, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART
CLOCK RATE	1GHz

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