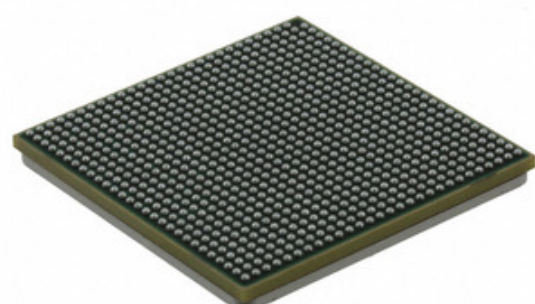




NXP Semiconductors / Freescale

MSC8254TVT1000B

Part Number: MSC8254TVT1000B
 Manufacturer/Brand: NXP Semiconductors / Freescale
 Product description: IC DSP QUAD 1GHZ 783FCBGA
 Datasheets: [1.MSC8254TVT1000B.pdf](#)
[2.MSC8254TVT1000B.pdf](#)
[3.MSC8254TVT1000B.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 MSC8254TVT1000B

PART NUMBER	MSC8254TVT1000B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC DSP QUAD 1GHZ 783FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MSC8254TVT1000B.pdf 2.MSC8254TVT1000B.pdf 3.MSC8254TVT1000B.pdf
VOLTAGE - I/O	2.50V
VOLTAGE - CORE	1.00V
TYPE	SC3850 Quad Core
SUPPLIER DEVICE PACKAGE	783-FCBGA (29x29)
SERIES	StarCore
PACKAGING	Tray
PACKAGE / CASE	783-BBGA, FCBGA
OPERATING TEMPERATURE	-40°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
BASE PART NUMBER	MSC8254

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 MSC8252TVT1000B Manufacturers: NXP Semiconductors / Freescale Description: IC PROCESSOR 2-CORE 783FCBGA In stock: Out stock RFQ	 MSC8256SVT800B Manufacturers: NXP Semiconductors / Freescale Description: IC PROCESSOR 6-CORE 783FCBGA In stock: Out stock RFQ
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