




NXP Semiconductors / Freescale

T4240NSN7QTB

Part Number:	T4240NSN7QTB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC SOC 64BIT 24X 1.67GHZ 1932BGA
Datasheets:	PDF 1.T4240NSN7QTB.pdf PDF 2.T4240NSN7QTB.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.





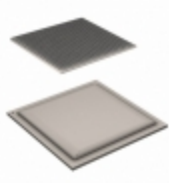
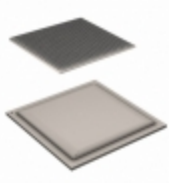
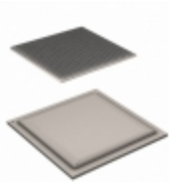

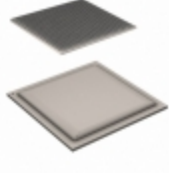
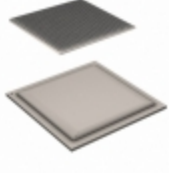
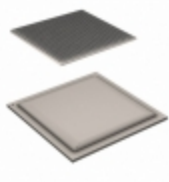
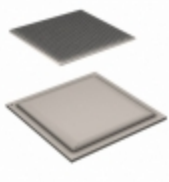
Specifications of T4240NSN7QTB

PART NUMBER	T4240NSN7QTB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC SOC 64BIT 24X 1.67GHZ 1932BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.T4240NSN7QTB.pdf PDF 2.T4240NSN7QTB.pdf
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	1932-FCPBGA (45x45)
SPEED	1.8GHz
SERIES	QorIQ T4
SECURITY FEATURES	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR3, DDR3L
PACKAGING	Bulk
PACKAGE / CASE	1932-BBGA, FCBGA
OTHER NAMES	568-14008 935324764557 T4240NSN7QTB-ND
OPERATING TEMPERATURE	0°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	12 Core, 64-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	1 Gbps (16), 10 Gbps (4)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e6500 Microprocessor IC QorIQ T4 12 Core, 64-Bit 1.8GHz 1932-FCPBGA (45x45)
CORE PROCESSOR	PowerPC e6500
CO-PROCESSORS/DSP	-
ADDITIONAL INTERFACES	I ² C, MMC/SD, PCIe, RapidIO, SPI, UART

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Related Products

 <p>T4240PCIE-PB Manufacturers: NXP Semiconductors / Freescale Description: DEVELOPMENT SYSTEM T4240PCIE In stock: Out stock RFQ</p>	 <p>T4240450000G Manufacturers: Anytek (Amphenol Anytek) Description: 500 TB WIR PRO 180 SOLID In stock: Out stock RFQ</p>
 <p>T4240QDS-PB Manufacturers: NXP Semiconductors / Freescale Description: DEV SYSTEM QORLQ T4240 In stock: Out stock RFQ</p>	 <p>T4240QDS-16GPA Manufacturers: NXP Semiconductors / Freescale Description: TOOL FOR T4240 FAMILY In stock: Out stock RFQ</p>
 <p>T4240NSN7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA In stock: 12 pcs RFQ</p>	 <p>T4240NSN7TTB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.8GHZ 1932BGA In stock: Out stock RFQ</p>
 <p>T4240NSE7QTB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.67GHZ 1932BGA In stock: Out stock RFQ</p>	 <p>T4240452000G Manufacturers: Anytek (Amphenol Anytek) Description: 500 TB WIR PRO THOUGH/T In stock: Out stock RFQ</p>
 <p>T4240NSE7TTB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.8GHZ 1932BGA In stock: 12 pcs RFQ</p>	 <p>T4240NSE7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA In stock: 12 pcs RFQ</p>
 <p>T4240NXN7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA In stock: 12 pcs RFQ</p>	 <p>T4240NXE7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 24X 1.5GHZ 1932BGA In stock: 12 pcs RFQ</p>