



NXP Semiconductors / Freescale

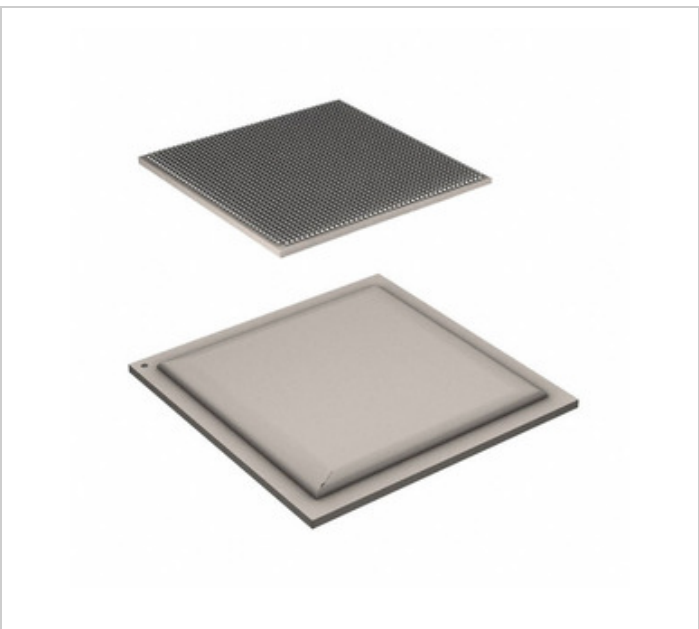


Image may be representation. See specifications for product details.

T4160NXE7PQB

Part Number:	T4160NXE7PQB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC SOC 64BIT 16X 1.5GHZ 1932BGA
Datasheets:	 1.T4160NXE7PQB.pdf
	 2.T4160NXE7PQB.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

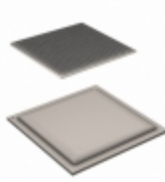
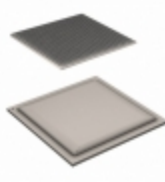
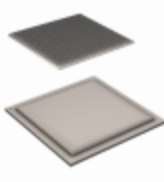
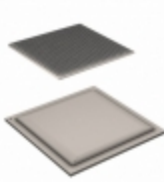
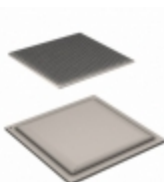
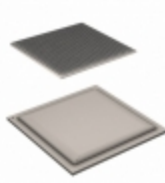
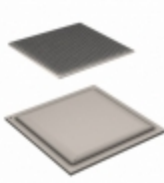
Specifications of T4160NXE7PQB

PART NUMBER	T4160NXE7PQB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC SOC 64BIT 16X 1.5GHZ 1932BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.T4160NXE7PQB.pdf  2.T4160NXE7PQB.pdf
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	1932-FCPBGA (45x45)
SPEED	1.8GHz
SERIES	QorIQ T4
SECURITY FEATURES	Boot Security, Cryptography, Secure Fusebox, Secure Debug, Tamper Detection, Volatile key Storage
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR3, DDR3L
PACKAGING	Bulk
PACKAGE / CASE	1932-BBGA, FCBGA
OTHER NAMES	568-14004 935311662557 T4160NXE7PQB-ND
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	8 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 (13), 10 Gbps (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e6500 Microprocessor IC QorIQ T4 8 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

Related Tags

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Related Products

 T4160NSE7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA In stock: Out stock RFQ	 T4161NSN7PQB Manufacturers: NXP Semiconductors / Freescale Description: QORIQ 64B POWER 16X 1.5GHZ THR In stock: Out stock RFQ
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 T4161NSE7QTB Manufacturers: NXP Semiconductors / Freescale Description: QORIQ 64B POWER 16X 1.67GHZ TH In stock: Out stock RFQ	 T4160NXN7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 16X 1.5GHZ 1932BGA In stock: Out stock RFQ
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 T4161N80TOHPRXPSA1 Manufacturers: International Rectifier (Infineon Technologies) Description: SCR MODULE T20235K-1-1 In stock: Out stock RFQ	 T4161NSE7PQB Manufacturers: NXP Semiconductors / Freescale Description: QORIQ 64B POWER 16X 1.5GHZ THR In stock: Out stock RFQ
 T4160NSN7QTB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 16X 1.67GHZ 1932BGA In stock: Out stock RFQ	 T4160NSE7QTB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 64BIT 16X 1.67GHZ 1932BGA In stock: 12 pcs RFQ