

NXP Semiconductors / Freescale

T1042NXE7MQB

Part Number:	T1042NXE7MQB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC SOC 4CORE 1200MHZ 780FCBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1155 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

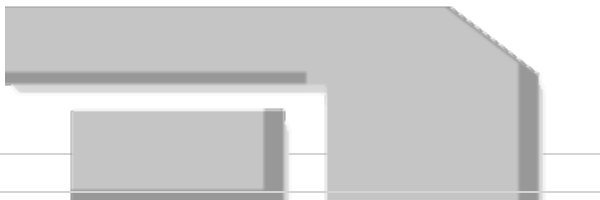
Specifications of T1042NXE7MQB

PART NUMBER	T1042NXE7MQB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC SOC 4CORE 1200MHZ 780FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1155 pcs
DATA SHEET	
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	780-FCBGA (23x23)
SPEED	1.4GHz
SERIES	QorIQ T1
SECURITY FEATURES	Boot Security, Cryptography, Secure Fusebox, Secure Debug, Tamper Detection, Volatile key Storage
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR3L/4
PACKAGING	Bulk
PACKAGE / CASE	780-FBGA, FCBGA
OTHER NAMES	568-14000 935323573557 T1042NXE7MQB-ND
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	4 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 (5)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e5500 Microprocessor IC QorIQ T1 4 Core, 64-Bit 1.4GHz 780-FCBGA (23x23)
CORE PROCESSOR	PowerPC e5500
CO-PROCESSORS/DSP	-
ADDITIONAL INTERFACES	I²C, MMC/SD, PCIe, SPI, UART

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	T1042RDB-PA Manufacturers: NXP Description: DEVELOPMENT BOARD T1042 In stock: 3366 pcs 		T1042NXE7PQB Manufacturers: NXP Description: QORIQ 4X E5500 1400MHZ DDR3L/ In stock: 930 pcs 
	T1042NSN7PQB Manufacturers: NXP Description: IC SOC 4CORE 1400MHZ 780FCBGA In stock: 1139 pcs 		T1042NXE7WQB Manufacturers: NXP Description: QORIQ 4X E5500 1500MHZ DDR3L/ In stock: 995 pcs 
	T1042NXN7MQB Manufacturers: NXP Description: QORIQ 4X E5500 1200MHZ DDR3L/ In stock: 1409 pcs 		T1042NSN7MQB Manufacturers: NXP Description: IC SOC 4CORE 1200MHZ 780FCBGA In stock: 1236 pcs 
	T1042NSE7WQB Manufacturers: NXP Description: QORIQ 4X E5500 1500MHZ DDR3L/ In stock: 1145 pcs 		T1042NSN7WQB Manufacturers: NXP Description: QORIQ 4X E5500 1500MHZ DDR3L/ In stock: 1138 pcs 
	T1042NXN7PQB Manufacturers: NXP Description: QORIQ 4X E5500 1400MHZ DDR3L/ In stock: 931 pcs 		T1042NSE7PQB Manufacturers: NXP Description: IC SOC 4CORE 1400MHZ 780FCBGA In stock: 1197 pcs 
	T1042NSE7PQPB Manufacturers: NXP Description: QORIQ 4X E5500 1400MHZ DDR3L/ In stock: 1146 pcs 		T1042NXN7WQB Manufacturers: NXP Description: QORIQ 4X E5500 1500MHZ DDR3L/ In stock: 1076 pcs 