



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

T1020NXE7MQB

Part Number:	T1020NXE7MQB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC SOC 2CORE 1200MHZ SW 780FCBGA
Datasheets:	 T1020NXE7MQB.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

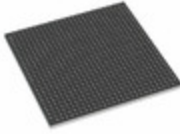
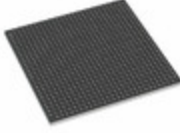
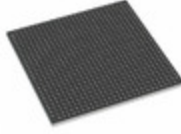
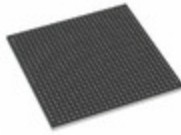
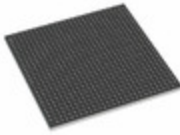
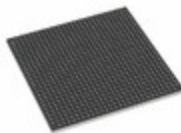
Specifications of T1020NXE7MQB

PART NUMBER	T1020NXE7MQB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC SOC 2CORE 1200MHZ SW 780FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 T1020NXE7MQB.pdf
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	568-13993 935318443557 T1020NXE7MQB-ND
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	2 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 (12)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e5500 Microprocessor IC QorIQ T1 2 Core, 64-Bit 1.4GHz 780-FCBGA (23x23)
CORE PROCESSOR	PowerPC e5500
CO-PROCESSORS/DSP	-
ADDITIONAL INTERFACES	I ² C, MMC/SD, PCIe, SPI, UART

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 T1022NSE7MQPB Manufacturers: NXP Semiconductors / Freescale Description: QORIQ 2X E5500 1200MHZ DDR3L/ In stock: Out stock RFQ	 T1020NSE7PQB Manufacturers: NXP Semiconductors / Freescale Description: IC SOC 2CORE 1400MHZ SW 780FCBGA In stock: Out stock RFQ
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