



NXP Semiconductors / Freescale

P2020NXE2KHC

Part Number:	P2020NXE2KHC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU Q OR IQ 1.2GHZ 689TEBGA
Datasheets:	1.P2020NXE2KHC.pdf 2.P2020NXE2KHC.pdf 3.P2020NXE2KHC.pdf 4.P2020NXE2KHC.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 P2020NXE2KHC

PART NUMBER	P2020NXE2KHC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 1.2GHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.P2020NXE2KHC.pdf 2.P2020NXE2KHC.pdf 3.P2020NXE2KHC.pdf 4.P2020NXE2KHC.pdf
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	689-TEPBGA II (31x31)
SPEED	1.2GHz
SERIES	QorIQ P2
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR2, DDR3
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935321569557
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF CORES/BUS WIDTH	2 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100/1000 Mbps (3)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500v2 Microprocessor IC QorIQ P2 2 Core, 32-Bit 1.2GHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e500v2
CO-PROCESSORS/DSP	Security; SEC 3.3
BASE PART NUMBER	P2020
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

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<p>P2020NSN2MHC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.2GHZ 689TEBGA In stock: 32 pcs RFQ</p>	<p>P2020NSN2NHC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.2GHZ 689TEBGA In stock: Out stock RFQ</p>
<p>P2020NSN2MFC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.2GHZ 689TEBGA In stock: 62 pcs RFQ</p>	<p>P2020NXE2HHC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.2GHZ 689TEBGA In stock: Out stock RFQ</p>
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