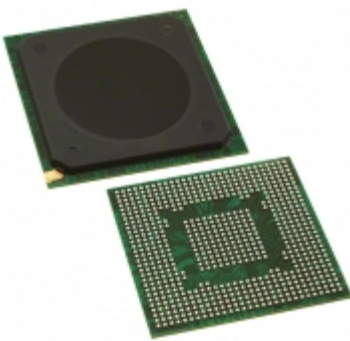


P2020NXE2MHC



Images are for reference only.
See Product Specifications for product details.
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Part Number: [P2020NXE2MHC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 1.2GHZ 689TEBGA

Data sheet:  [eSDHC Data Timeout Errata](#)
 [P2010/20 Fact Sheet](#)
 [MPIC Double Interrupt Errata](#)
 [TBI Link Status Errata](#)

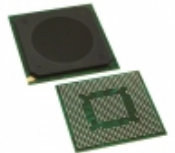
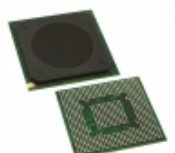
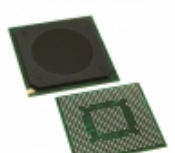
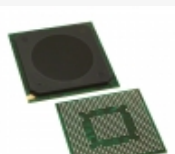
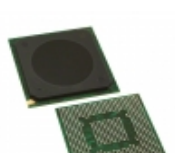
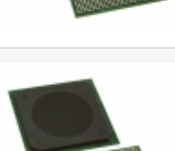
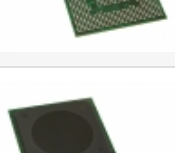
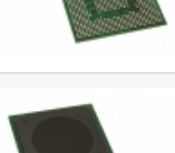
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	P2020NXE2MHC	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.2GHZ 689TEBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	740 pcs	Data sheet	eSDHC Data Timeout Errata P2010/20 Fact Sheet MPIC Double Interrupt Errata TBI Link Status Errata
Category	Integrated Circuits (ICs)	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	568-13479 935315102557 P2020NXE2MHC-ND
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, I²C, MMC/SD, SPI		
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