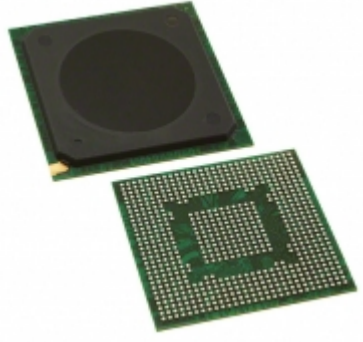


P1021NXE2HFB



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See Product Specifications for product details.
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Part Number: [P1021NXE2HFB](#)
Manufacturer: [NXP Semiconductors / Freescale](#)
Description: IC MPU Q OR IQ 800MHZ 689TEBGA
Data sheet: [MPIC Double Interrupt Errata](#)
[TBI Link Status Errata](#)
[USB Errata](#)
[P1020, 1021, and P1022 Designing](#)
[P1012/21 Fact Sheet](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
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PRODUCT PARAMETER

Part Number	P1021NXE2HFB
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 800MHZ 689TEBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	967 pcs
Product Photo	P1021NXE2HFB.jpg
Category	Integrated Circuits (ICs)
Voltage - I/O	-
USB	USB 2.0 + PHY (2)
Supplier Device Package	689-TEPBGA II (31x31)
Speed	800MHz
Series	QorIQ P1
Security Features	Cryptography, Random Number Generator
SATA	-
RAM Controllers	DDR2, DDR3
Packaging	Tray
Package / Case	689-BBGA Exposed Pad
Other Names	935321506557
Operating Temperature	-40°C ~ 105°C (TA)
Number of Cores/Bus Width	2 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 P1 2 Core, 32-Bit 800MHz 689-TEPBGA II (31x31)
Core Processor	PowerPC e500v2
Co-Processors/DSP	Communications; QUICC Engine, Security; SEC 3.3
Base Part Number	P1021
Additional Interfaces	DUART, I ² C, MMC/SD, SPI

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