

P1022NSE2EFB



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Part Number: [P1022NSE2EFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

Data sheet:  [SATA-A-006187 Errata](#)
 [SATA-A005255 Errata](#)
 [MPIC Double Interrupt Errata](#)
 [TBI Link Status Errata](#)
 [USB Errata](#)
 [P1013/P1022 Fact Sheet](#)

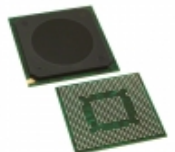
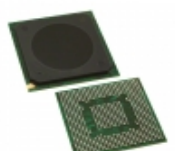
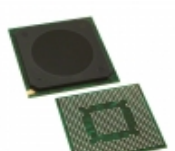
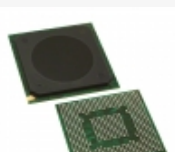
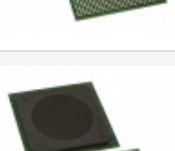
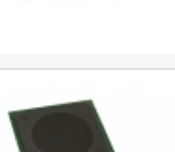
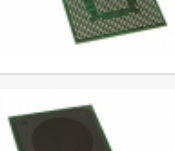
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	P1022NSE2EFB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.055GHZ 689TBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4297 pcs	Data sheet	SATA-A-006187 Errata SATA-A005255 Errata MPIC Double Interrupt Errata TBI Link Status Errata USB Errata P1013/P1022 Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	-
USB	USB 2.0 + PHY (2)	Supplier Device Package	689-TEPBGA II (31x31)
Speed	1.055GHz	Series	QorIQ P1
Security Features	Cryptography, Random Number Generator	SATA	SATA 3Gbps (2)
RAM Controllers	DDR2, DDR3	Packaging	Tray
Package / Case	689-BBGA Exposed Pad	Operating Temperature	0°C ~ 105°C (TA)
Number of Cores/Bus Width	2 Core, 32-Bit	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100/1000 Mbps (2)	Display & Interface Controllers	LCD
Detailed Description	PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 1.055GHz 689-TEPBGA II (31x31)	Core Processor	PowerPC e500v2
Co-Processors/DSP	Security; SEC	Base Part Number	P1022
Additional Interfaces	DUART, I ² C, I ² S, MMC/SD, SPI		
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