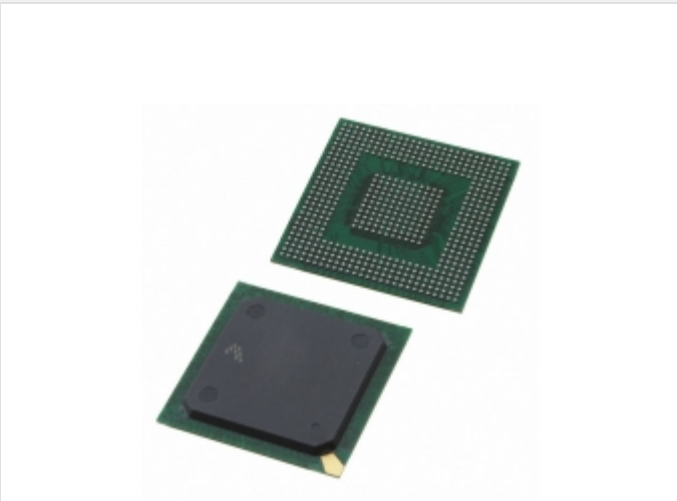


P1016NXE5BFB



Part Number: [P1016NXE5BFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 667MHZ 561TEBGA1

Data sheet:  [MPIC Double Interrupt Errata](#)
 [TBI Link Status Errata](#)
 [USB Errata](#)
 [P1016, P1025 Series Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

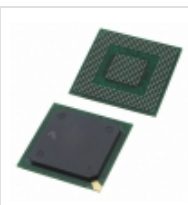
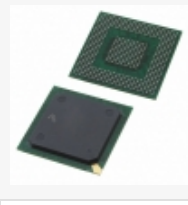
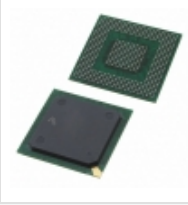
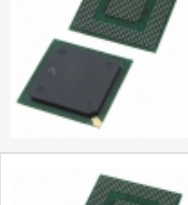
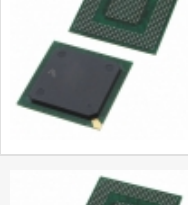
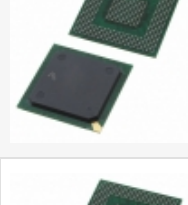
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	P1016NXE5BFB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 667MHZ 561TEBGA1	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5286 pcs	Data sheet	MPIC Double Interrupt Errata TBI Link Status Errata USB Errata P1016, P1025 Series Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	-
USB	USB 2.0 + PHY (2)	Supplier Device Package	561-TEPBGA1 (23x23)
Speed	667MHz	Series	QorIQ P1
Security Features	Cryptography, Random Number Generator	SATA	-
RAM Controllers	DDR2, DDR3	Packaging	Tray
Package / Case	561-FBGA	Operating Temperature	-40°C ~ 125°C (TA)
Number of Cores/Bus Width	1 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 1 Core, 32-Bit 667MHz 561-TEPBGA1 (23x23)	Core Processor	PowerPC e500v2
Co-Processors/DSP	Communications; QUICC Engine, Security; SEC 3.3	Base Part Number	P1016
Additional Interfaces	DUART, I ² C, MMC/SD, SPI		
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