

P1023NSE5BFB



Part Number: [P1023NSE5BFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 400MHZ 457TEBGA

Data sheet:  [P1 Series Fact Sheet](#)
 [MPIC Double Interrupt Errata](#)
 [TBI Link Status Errata](#)

RoHs Status: Lead free / RoHS Compliant

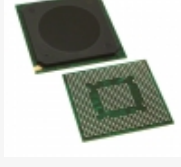
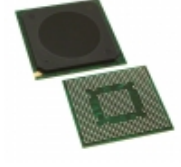
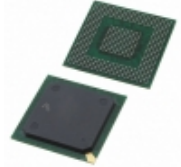
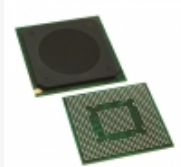
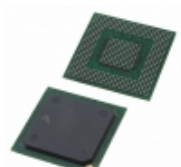
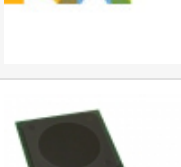
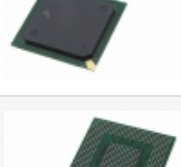
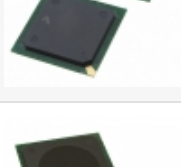
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	P1023NSE5BFB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 400MHZ 457TEBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4827 pcs	Data sheet	P1 Series Fact Sheet MPIC Double Interrupt Errata TBI Link Status Errata
Category	Integrated Circuits (ICs)	Voltage - I/O	-
USB	USB 2.0 + PHY (1)	Supplier Device Package	457-TEPBGA-1 (19x19)
Speed	400MHz	Series	QorIQ P1
Security Features	Cryptography, Random Number Generator	SATA	-
RAM Controllers	DDR3, DDR3L	Packaging	Tray
Package / Case	457-LFBGA	Operating Temperature	0°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 (2)	Display & Interface Controllers	-
Detailed Description	PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 400MHz 457-TEPBGA-1 (19x19)	Core Processor	PowerPC e500v2
Co-Processors/DSP	Security; SEC 4.2	Base Part Number	P1023
Additional Interfaces	DUART, I ² C, MMC/SD, SPI		
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RELATED PRODUCTS			
	Part#: P1023NXE5CFB Description: IC MPU Q OR IQ 500MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023NSE5CFB Description: IC MPU Q OR IQ 500MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023NSN5BFB Description: IC MPU Q OR IQ 400MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1022PSE2LFA Description: IC MPU Q OR IQ 1.067GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1022PSE2EBA Description: IC MPU Q OR IQ 1.067GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023-2 Description: CBL CLAMP P-TYPE SILVER FASTENER	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: P1024NXN5BFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1022NXN2LFB Description: IC MPU Q OR IQ 1.067GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1024NSE5DFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023NSN5CFB Description: IC MPU Q OR IQ 500MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1022PSN2LFA Description: IC MPU Q OR IQ 1.067GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1024NSN5DFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1024NSN5BFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1024NXE5DFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1022PSE2HFA Description: IC MPU Q OR IQ 1.067GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023-20 Description: TRACK FOR DIN RAIL	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: P1023-6 Description: BRACKET .187 HOLE REV. F	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: P1022NXN2HFB Description: IC MPU Q OR IQ 1.055GHZ 689TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1023-7 Description: MOUNTING BRACKET .250 HOLE (BM1)	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: P1023RDB-PA Description: PLATFORM REF DESIGN WLAN P1023	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for **P1023NSE5BFB**

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