

P1017NXE5HFB



Part Number: [P1017NXE5HFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 800MHZ 457TEBGA

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

RoHS Status: Lead free / RoHS Compliant

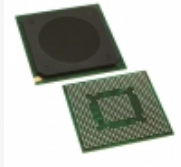
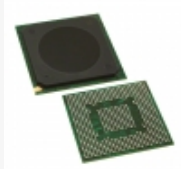
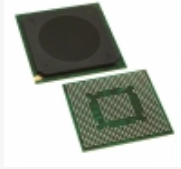
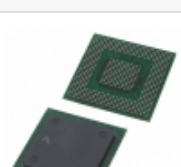
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	P1017NXE5HFB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 800MHZ 457TEBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1801 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	800MHz	Series	QorIQ P1
Security Features	Cryptography, Random Number Generator	SATA	-
RAM Controllers	DDR3, DDR3L	Packaging	Tray
Package / Case	457-LFBGA	Operating Temperature	-40°C ~ 105°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 (2)	Display & Interface Controllers	-
Detailed Description	PowerPC e500v2 Microprocessor IC QorIQ P1 1 Core, 32-Bit 800MHz 457-TEPBGA-1 (19x19)	Core Processor	PowerPC e500v2
Co-Processors/DSP	Security; SEC 4.2	Base Part Number	P1017
Additional Interfaces	DUART, I ² C, MMC/SD, SPI		
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RELATED PRODUCTS			
	Part#: P1017NSN5CFB Description: IC MPU Q OR IQ 500MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020NSE2HFB Description: IC MPU Q OR IQ 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSE5BFB Description: IC MPU Q OR IQ 400MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020MBG-PC Description: QORIQ MULTI-SERV BUS SOLUTION	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSE5FFB Description: IC MPU Q OR IQ 667MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P102-000 Description: GENDER CHANGER DB9F TO DB25F	Manufacturers: Tripp Lite	RFQ
	Part#: P1016PSE5FFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020-WLAN Description: P1020-WLAN WIRESS LAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSN5FFB Description: IC MPU Q OR IQ 667MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020NSE2FFB Description: IC MPU Q OR IQ 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P102-000-R Description: D-SUB ADAPTER DB9F TO DB25F	Manufacturers: Tripp Lite	RFQ
	Part#: P1020NSE2DFB Description: IC MPU Q OR IQ 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSE5CFB Description: IC MPU Q OR IQ 500MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSN5BFB Description: IC MPU Q OR IQ 400MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1016NXN5FFB Description: IC MPU Q OR IQ 667MHZ 561TEBGA1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSN5HFB Description: IC MPU Q OR IQ 800MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1017NSE5HFB Description: IC MPU Q OR IQ 800MHZ 457TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020NSN2DFB Description: IC MPU Q OR IQ 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P1020-5R0474-2 Description: CAP AERO 0.47F,P S ERIES	Manufacturers: Bussmann (Eaton)	RFQ
	Part#: P1020NSN2FFB Description: IC MPU Q OR IQ 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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