

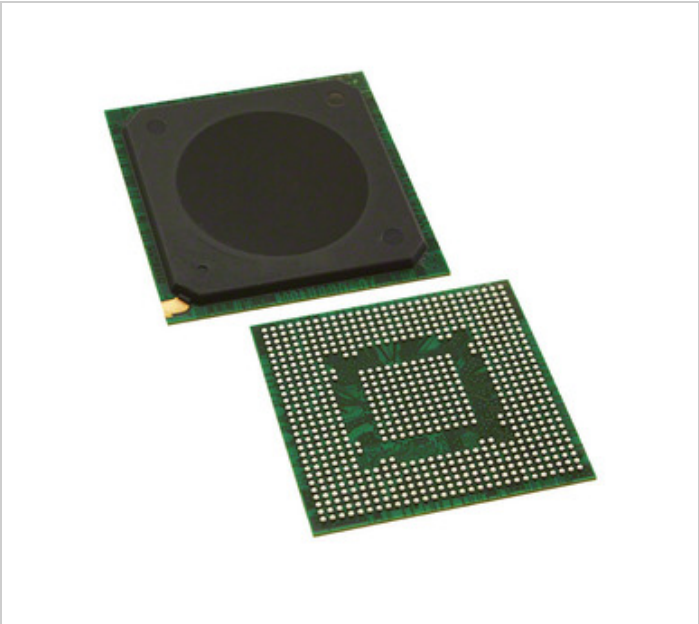


Image may be representation. See specifications for product details.

P1012PSE2HFB

Part Number:	P1012PSE2HFB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 800MHZ 689TEBGA
	 1.P1012PSE2HFB.pdf
	 2.P1012PSE2HFB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

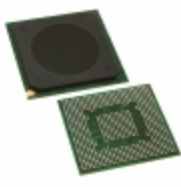
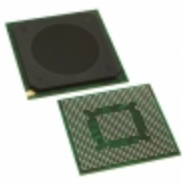
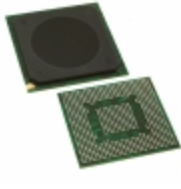
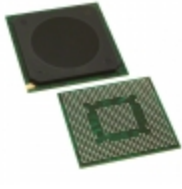
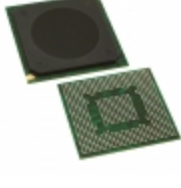
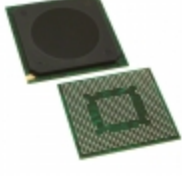
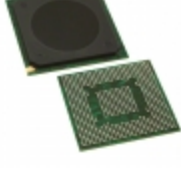
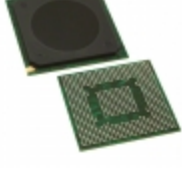
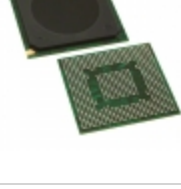
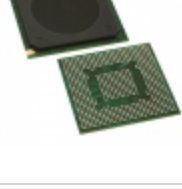
Specifications of P1012PSE2HFB

PART NUMBER	P1012PSE2HFB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.P1012PSE2HFB.pdf  2.P1012PSE2HFB.pdf
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	Bulk
PACKAGE / CASE	689-BBGA Exposed Pad
OPERATING TEMPERATURE	0°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 800MHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e500v2
CO-PROCESSORS/DSP	Communications; QUICC Engine, Security; SEC 3.3
BASE PART NUMBER	P1012
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

Related Tags

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Freescale Semiconductor - NXP P1012PSE2HFB	NXP USA Inc. P1012PSE2HFB	

Related Products

 P1013NSE2MHB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.055GHZ 689TBGA In stock: Out stock RFQ	 P1013NSE2EFB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.055GHZ 689TBGA In stock: Out stock RFQ
 P1012NXN2DFB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 27 pcs RFQ	 P1013NSE2LFB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.055GHZ 689TBGA In stock: 67 pcs RFQ
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