

NXP Semiconductors / Freescale

P1020NXE2FFB

Part Number:	P1020NXE2FFB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU Q OR IQ 800MHZ 689TEBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	5572 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of P1020NXE2FFB

PART NUMBER	P1020NXE2FFB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5572 pcs
DATA SHEET	
VOLTAGE - I/O	2.5V, 3.3V
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	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935310415557
OPERATING TEMPERATURE	-40°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 (3)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 800MHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e500v2
CO-PROCESSORS/DSP	Security; SEC 3.3
BASE PART NUMBER	P1020
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

Related Tags

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	<p>P1020NXN2DFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 4215 pcs</p> <p>RFQ</p>		<p>P1020NXN2FFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1368 pcs</p> <p>RFQ</p>
	<p>P1020NSN2DFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1779 pcs</p> <p>RFQ</p>		<p>P1020PSE2FDB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 6496 pcs</p> <p>RFQ</p>
	<p>P1020NSE2HFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1282 pcs</p> <p>RFQ</p>		<p>P1020PSE2HFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 2813 pcs</p> <p>RFQ</p>
	<p>P1020NSN2HFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1525 pcs</p> <p>RFQ</p>		<p>P1020NSN2FFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 4167 pcs</p> <p>RFQ</p>
	<p>P1020NSE2FFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1631 pcs</p> <p>RFQ</p>		<p>P1020NXE2HFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1215 pcs</p> <p>RFQ</p>
	<p>P1020NXN2HFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 1173 pcs</p> <p>RFQ</p>		<p>P1020NXE2DFB</p> <p>Manufacturers: NXP Description: IC MPU Q OR IQ 800MHZ 689TEBGA In stock: 6040 pcs</p> <p>RFQ</p>