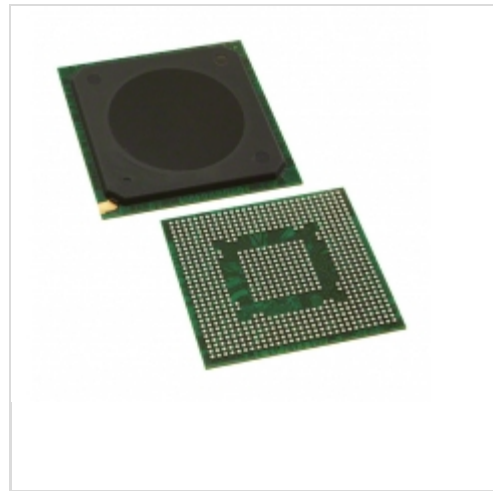


**P1020NSE2FFB**



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IC MPU Q OR IQ 800MHZ 689TEBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

part#P1020NSE2FFB is available, see description of P1020NSE2FFB as below .

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**1**

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**2**

**submit the order**

**3**

**payment**

**4**

**wait for delivery**

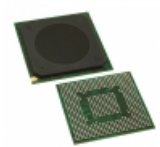
**5**

**receive the goods**

**Specifications**

<b>Voltage - I/O:</b>	2.5V, 3.3V
<b>USB:</b>	USB 2.0 + PHY (2)
<b>Supplier Device Package:</b>	689-TEPBGA II (31x31)
<b>Speed:</b>	800MHz
<b>Series:</b>	QorIQ P1
<b>Security Features:</b>	Cryptography, Random Number Generator
<b>SATA:</b>	-
<b>RAM Controllers:</b>	DDR2, DDR3
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	689-BBGA Exposed Pad
<b>Operating Temperature:</b>	0°C ~ 125°C (TA)
<b>Number of Cores/Bus Width:</b>	2 Core, 32-Bit
<b>Graphics Acceleration:</b>	No
<b>Ethernet:</b>	10/100/1000 Mbps (3)
<b>Display &amp; Interface Controllers:</b>	-
<b>Core Processor:</b>	PowerPC e500v2
<b>Co-Processors/DSP:</b>	Security; SEC 3.3
<b>Additional Interfaces:</b>	DUART, I <sup>2</sup> C, MMC/SD, SPI

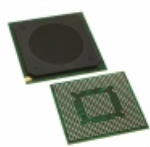
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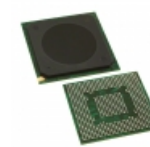
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**P102-05**

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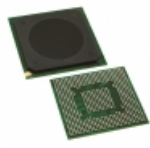
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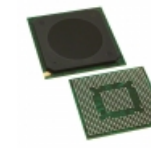
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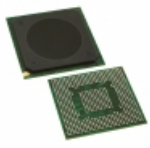
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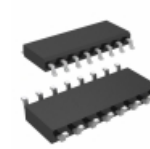
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