

## P2041NXE7NNC



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IC MPU Q OR IQ 1.3GHZ 780FCBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

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### Specifications

|   |  |
|---|--|
| <b>Voltage - I/O:</b>                       | 1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V                                  |
| <b>USB:</b>                                 | USB 2.0 + PHY (2)  |
| <b>Supplier Device Package:</b>             | 780-FCBGA (23x23)  |
| <b>Speed:</b>                               | 1.3GHz   |
| <b>Series:</b>                              | QorIQ P2   |
| <b>Security Features:</b>                   | Boot Security, Cryptography, Random Number Generator, Secure Fusebox |
| <b>SATA:</b>                                | SATA 3Gbps (2)   |
| <b>RAM Controllers:</b>                     | DDR3, DDR3L  |
| <b>Packaging:</b>                           | Tray   |
| <b>Package / Case:</b>                      | 780-BBGA, FCBGA  |
| <b>Operating Temperature:</b>               | -40°C ~ 105°C (TA)   |
| <b>Number of Cores/Bus Width:</b>           | 4 Core, 32-Bit   |
| <b>Graphics Acceleration:</b>               | No   |
| <b>Ethernet:</b>                            | 10/100/1000 Mbps (5), 10 Gbps (1)                                    |
| <b>Display &amp; Interface Controllers:</b> | -  |
| <b>Core Processor:</b>                      | PowerPC e500mc   |
| <b>Co-Processors/DSP:</b>                   | Security; SEC 4.2  |
| <b>Additional Interfaces:</b>               | DUART, I <sup>2</sup> C, MMC/SD, RapidIO, SPI                        |

### Related products



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IC MPU Q OR IQ 1.5GHZ 780FCBGA  
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**P2041NXN1PNB**

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**P2041NXE7PNC**

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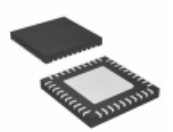


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