







P1011NSN2DFB NXP Semiconductors Product Details



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Part Number:	P1011NSN2DFB
BomEasy Part:	P1011NSN2DFB-265746
Category:	Microprocessors - MPU
Manufacturer:	NXP Semiconductors
Applications:	<input checked="" type="checkbox"/> Automotive <input checked="" type="checkbox"/> Communications equipment <input checked="" type="checkbox"/> Industrial
Description:	Automotive Qualification Standard:-; Msl:msl 3 - 168 Hours; Product Range:5195397 Series; Cpu Speed:533Mhz; Embedded Interface Type:ethernet, I2C
RoHS:	 Lead free / RoHS Compliant
Stock Category:	In stock
Stock Resource:	Franchised Distributor
Warranty:	1 Year BomEasy Guarantee » Learn More
EDA/CAD Models:	P1011NSN2DFB PCB Footprint and Symbol
Delivery:	    

Payment:



P1011NSN2DFB(NXP Semiconductors) Description

Additional information about the P1011NSN2DFB: The P1011 and P1020 processors are ideally suited for multiservice gateways, Ethernet switch controllers, wireless LAN access points and highperformance general-purpose control processor applications with tight thermal constraints. The P1011 and P1020 processors are pin-compatible with the QorIQ P2 platform products, offering a four-chip range of costeffective solutions. Scaling from a single core at 533 MHz (P1011) to a dual core at 1.2 GHz per core (P2020), the combined QorIQ platforms offer an impressive 4.5x aggregate frequency range. The P1011 and P1020 platforms are software compatible, and both feature the e500 Power Architecture core and peripherals, as well as being fully software compatible with the earlier PowerQUICC processors. This enables customers to create a product with multiple performance points from a single board design. The P1020 dual-core processor supports both symmetric and asymmetric processing, enabling customers to further optimize their design with the same applications running on each core or serialize their application using the cores for different processing tasks.

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