

Specifications	
Part Number	P1010NXE5DFA
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.0GHZ 425TEBGA
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	544 pcs Stock
Voltage - I/O	-
USB	USB 2.0 + PHY (1)
Supplier Device Package	425-TEPBGA I (19x19)
Speed	1.0GHz
Series	QorIQ P1
Security Features	Boot Security, Cryptography, Random Number
SATA	SATA 3Gbps (2)
RAM Controllers	DDR3, DDR3L
Packaging	Tray
Package / Case	425-FBGA
Operating Temperature	-40°C ~ 105°C (TA)
Number of Cores/Bus Width	1 Core, 32-Bit
Graphics Acceleration	No
Ethernet	10/100/1000 Mbps (3)
Display & Interface Controllers	-
Core Processor	PowerPC e500v2
Co-Processors/DSP	Security; SEC 4.4
Additional Interfaces	CAN, DUART, I²C, MMC/SD, SPI

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