



NXP Semiconductors / Freescale

P1025NXE5BFB

Part Number:	P1025NXE5BFB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU Q OR IQ 667MHZ 561TEBGA1
Datasheets:	1.P1025NXE5BFB.pdf 2.P1025NXE5BFB.pdf 3.P1025NXE5BFB.pdf 4.P1025NXE5BFB.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of P1025NXE5BFB

PART NUMBER	P1025NXE5BFB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 667MHZ 561TEBGA1
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.P1025NXE5BFB.pdf 2.P1025NXE5BFB.pdf 3.P1025NXE5BFB.pdf 4.P1025NXE5BFB.pdf
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	561-TEPGA1 (23x23)
SPEED	667MHz
SERIES	QorIQ P1
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR2, DDR3
PACKAGING	Tray
PACKAGE / CASE	561-FBGA
OTHER NAMES	935317281557
OPERATING TEMPERATURE	-40°C ~ 125°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 667MHz 561-TEPGA1 (23x23)
CORE PROCESSOR	PowerPC e500v2
CO-PROCESSORS/DSP	Communications; QUICC Engine, Security; SEC 3.3
BASE PART NUMBER	P1025
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

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