




NXP Semiconductors / Freescale

## MPC8271ZQPIEA

Part Number:	MPC8271ZQPIEA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC82XX 300MHZ 516BGA
Datasheets:	<a href="#">MPC8271ZQPIEA.pdf</a>
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

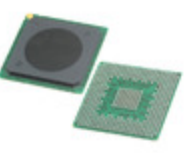
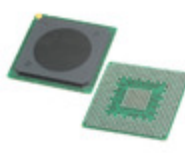
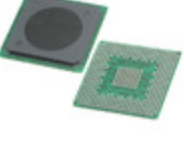
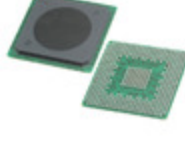

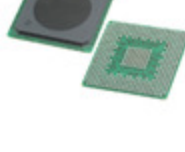

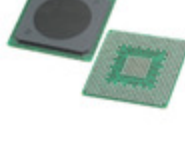
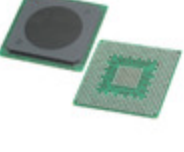
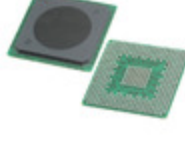


### Specifications of MPC8271ZQPIEA

PART NUMBER	MPC8271ZQPIEA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC82XX 300MHZ 516BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">MPC8271ZQPIEA.pdf</a>
VOLTAGE - I/O	3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	516-FPBGA (27x27)
SPEED	300MHz
SERIES	MPC82xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DRAM, SDRAM
PACKAGING	Tray
PACKAGE / CASE	516-BBGA
OPERATING TEMPERATURE	0°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 300MHz 516-FPBGA (27x27)
CORE PROCESSOR	PowerPC G2_LE
CO-PROCESSORS/DSP	Communications; RISC CPM
BASE PART NUMBER	MPC8271
ADDITIONAL INTERFACES	I <sup>2</sup> C, SCC, SMC, SPI, UART, USART

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