



NXP Semiconductors / Freescale

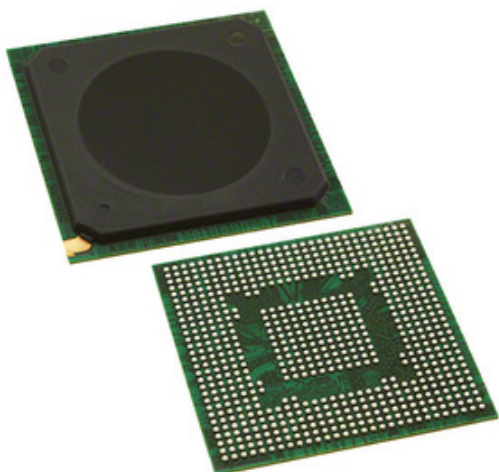


Image may be representation. See specifications for product details.

MPC8377EVRALGA

Part Number:	MPC8377EVRALGA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 667MHZ 689TEBGA
Datasheets:	 1.MPC8377EVRALGA.pdf
	 2.MPC8377EVRALGA.pdf
	 3.MPC8377EVRALGA.pdf
	 4.MPC8377EVRALGA.pdf
	 5.MPC8377EVRALGA.pdf
	 6.MPC8377EVRALGA.pdf
	 7.MPC8377EVRALGA.pdf
	 8.MPC8377EVRALGA.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
REQUEST FOR QUOTATION	
L/Fedex/TNT/UPS/EMS	

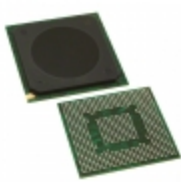
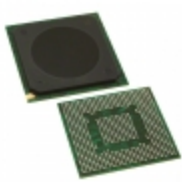
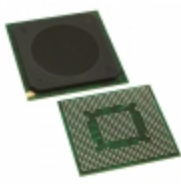
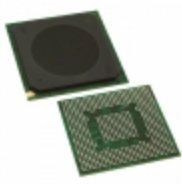
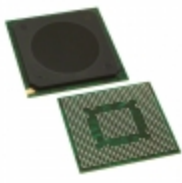
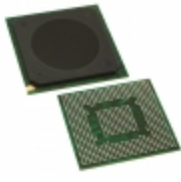
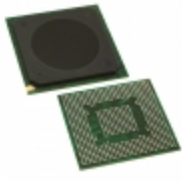
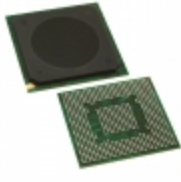
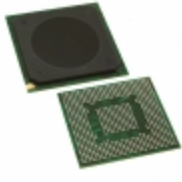
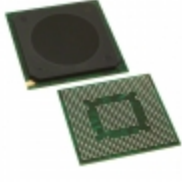
Specifications of MPC8377EVRALGA

PART NUMBER	MPC8377EVRALGA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 667MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MPC8377EVRALGA.pdf  2.MPC8377EVRALGA.pdf  3.MPC8377EVRALGA.pdf  4.MPC8377EVRALGA.pdf  5.MPC8377EVRALGA.pdf  6.MPC8377EVRALGA.pdf  7.MPC8377EVRALGA.pdf  8.MPC8377EVRALGA.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEPBGA II (31x31)
SPEED	667MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935317522557
OPERATING TEMPERATURE	0°C ~ 125°C (TA)
NUMBER OF CORES/BUS WIDTH	1 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 (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e300c4s Microprocessor IC MPC83xx 1 Core, 32-Bit 667MHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e300c4s
CO-PROCESSORS/DSP	Security; SEC 3.0
BASE PART NUMBER	MPC8377
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, PCI, SPI

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