



NXP Semiconductors / Freescale

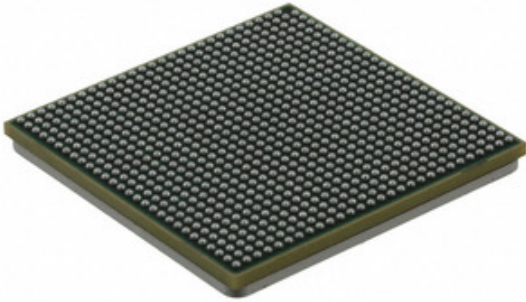


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MPC8543ECVJAQGD

Part Number: MPC8543ECVJAQGD

Manufacturer/Brand: NXP Semiconductors / Freescale

Product description: IC MPU MPC85XX 1.0GHZ 783FCBGA

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1.MPC8543ECVJAQGD.pdf

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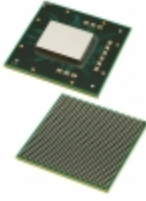
Specifications of MPC8543ECVJAQGD

PART NUMBER	MPC8543ECVJAQGD
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC85XX 1.0GHZ 783FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MPC8543ECVJAQGD.pdf PDF 2.MPC8543ECVJAQGD.pdf PDF 3.MPC8543ECVJAQGD.pdf PDF 4.MPC8543ECVJAQGD.pdf PDF 5.MPC8543ECVJAQGD.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	-
SUPPLIER DEVICE PACKAGE	783-FCBGA (29x29)
SPEED	1.0GHz
SERIES	MPC85xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2, SDRAM
PACKAGING	Tray
PACKAGE / CASE	783-BBGA, FCBGA
OTHER NAMES	935320281557
OPERATING TEMPERATURE	-40°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	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100/1000 Mbps (4)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCBGA (29x29)
CORE PROCESSOR	PowerPC e500
CO-PROCESSORS/DSP	Signal Processing; SPE, Security; SEC
BASE PART NUMBER	MPC8543
ADDITIONAL INTERFACES	DUART, I ² C, PCI, RapidIO

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