




NXP Semiconductors / Freescale

MPC8541ECPXAJD

Part Number:	MPC8541ECPXAJD
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC85XX 533MHZ 783FCBGA
Datasheets:	1.MPC8541ECPXAJD.pdf 2.MPC8541ECPXAJD.pdf
RoHs Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.






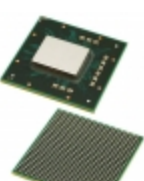






Specifications of MPC8541ECPXAJD

PART NUMBER	MPC8541ECPXAJD
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC85XX 533MHZ 783FCBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	1.MPC8541ECPXAJD.pdf 2.MPC8541ECPXAJD.pdf
VOLTAGE - I/O	2.5V, 3.3V
USB	-
SUPPLIER DEVICE PACKAGE	783-FCBGA (29x29)
SPEED	533MHz
SERIES	MPC85xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, SDRAM
PACKAGING	Tray
PACKAGE / CASE	783-BBGA, FCBGA
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	Contains lead / RoHS non-compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100/1000 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 533MHz 783-FCBGA (29x29)
CORE PROCESSOR	PowerPC e500
CO-PROCESSORS/DSP	Security; SEC
BASE PART NUMBER	MPC8541
ADDITIONAL INTERFACES	DUART, I ² C, PCI

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