




NXP Semiconductors / Freescale

## KMPC8321ECVRADDC

Part Number:	KMPC8321ECVRADDC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 266MHZ 516BGA
Datasheets:	<a href="#">PDF KMPC8321ECVRADDC.pdf</a>
RoHS Status:	 Lead free / RoHS 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.

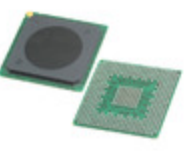
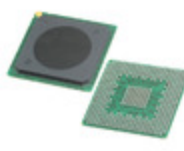


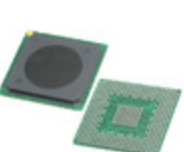
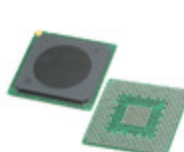
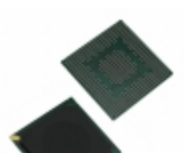
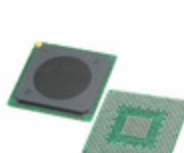
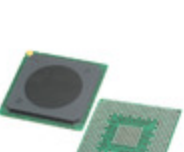
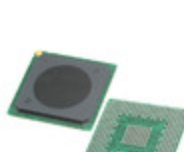
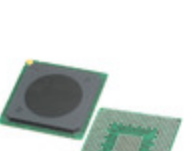
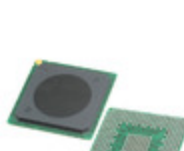
### Specifications of KMPC8321ECVRADDC

PART NUMBER	KMPC8321ECVRADDC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 266MHZ 516BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF KMPC8321ECVRADDC.pdf</a>
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	516-FPBGA (27x27)
SPEED	266MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	516-BBGA
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 Mbps (3)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e300c2 Microprocessor IC MPC83xx 1 Core, 32-Bit 266MHz 516-FPBGA (27x27)
CORE PROCESSOR	PowerPC e300c2
CO-PROCESSORS/DSP	Communications; QUICC Engine, Security; SEC 2.2
BASE PART NUMBER	MPC8321
ADDITIONAL INTERFACES	DUART, I <sup>2</sup> C, PCI, SPI, TDM, UART

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