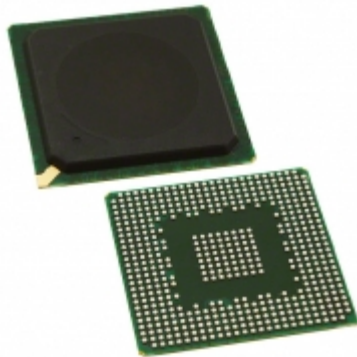


KMPC8313CVRAGDB



Part Number: [KMPC8313CVRAGDB](#)

Manufacturer [NXP Semiconductors / Freescale](#)

Description [IC MPU MPC83XX 400MHZ 516BGA](#)

Data sheet:  [MPC8313E Hrdw Specifications](#)

RoHs Status: [Lead free / RoHS Compliant](#)

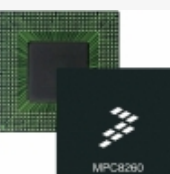
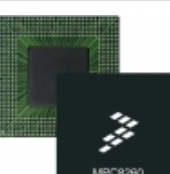
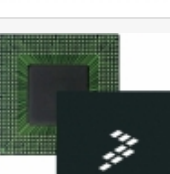
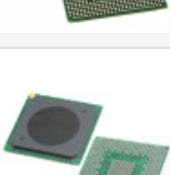
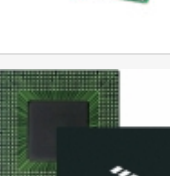
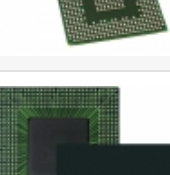
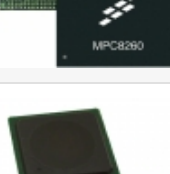
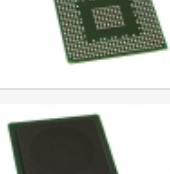
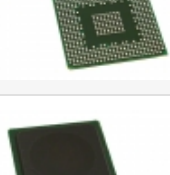
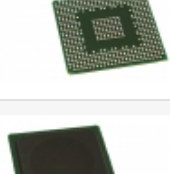
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PRODUCT PARAMETER			
Part Number	KMPC8313CVRAGDB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC83XX 400MHZ 516BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4912 pcs	Data sheet	MPC8313E Hrdw Specifications
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)	Supplier Device Package	516-TEPBGA (27x27)
Speed	400MHz	Series	MPC83xx
Security Features	-	SATA	-
RAM Controllers	DDR, DDR2	Packaging	Tray
Package / Case	516-BBGA Exposed Pad	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 (2)	Display & Interface Controllers	-
Detailed Description	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 516-TEPBGA (27x27)	Core Processor	PowerPC e300c3
Co-Processors/DSP	-	Base Part Number	MPC8313
Additional Interfaces	DUART, HSSI, I²C, PCI, SPI		
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