

NXP Semiconductors / Freescale



MPC8313ECVRAGDB

Part Number:	MPC8313ECVRAGDB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 400MHZ 516BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3852 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPC8313ECVRAGDB

PART NUMBER	MPC8313ECVRAGDB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 516BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3852 pcs
DATA SHEET	
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	Cryptography
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	Security; SEC 2.2
BASE PART NUMBER	MPC8313
ADDITIONAL INTERFACES	DUART, HSSI, I ² C, PCI, SPI

Related Tags

MPC8313ECVRAGDB	MPC8313ECVRAGDB Distributor	MPC8313ECVRAGDB Supplier
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	MPC8313ECZQADDC Manufacturers: NXP Description: IC MPU MPC83XX 267MHZ 516BGA In stock: 3266 pcs RFQ		MPC8313E-RDBC Manufacturers: NXP Description: BOARD CPU 8313E VER 2.2 In stock: 268 pcs RFQ
	MPC8313ECZQADD Manufacturers: NXP Description: IC MPU MPC83XX 267MHZ 516BGA In stock: 5947 pcs RFQ		MPC8313ECVRAFF Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 516BGA In stock: 4745 pcs RFQ
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	MPC8313ECVRAFFC Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 516BGA In stock: 2372 pcs RFQ		MPC8313ECZQAFFC Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 516BGA In stock: 3268 pcs RFQ

