

NXP Semiconductors / Freescale



MPC8314ECVRAGDA

Part Number:	MPC8314ECVRAGDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 400MHZ 620BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2292 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPC8314ECVRAGDA

PART NUMBER	MPC8314ECVRAGDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 620BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2292 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	620-PBGA (29x29)
SPEED	400MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	620-BBGA Exposed Pad
OTHER NAMES	935325401557
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 620-PBGA (29x29)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	Security; SEC 3.3
BASE PART NUMBER	MPC8314
ADDITIONAL INTERFACES	DUART, HSSI, I²C, PCI, SPI, TDM

Related Tags

MPC8314ECVRAGDA	MPC8314ECVRAGDA Distributor	MPC8314ECVRAGDA Supplier
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	MPC8314EVRAGDA Manufacturers: NXP Description: IC MPU MPC83XX 400MHZ 620BGA In stock: 2567 pcs RFQ		MPC8314VRAGDA Manufacturers: NXP Description: IC MPU MPC83XX 400MHZ 620BGA In stock: 2884 pcs RFQ
	MPC8314EVRAFDA Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 620BGA In stock: 3079 pcs RFQ		MPC8314CVRAFDA Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 620BGA In stock: 3482 pcs RFQ
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