




NXP Semiconductors / Freescale

MPC8309VMAGDCA

Part Number:	MPC8309VMAGDCA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 400MHZ 489BGA
Datasheets:	1.MPC8309VMAGDCA.pdf 2.MPC8309VMAGDCA.pdf
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.

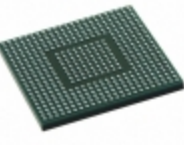

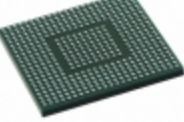


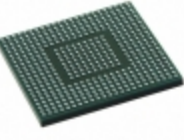

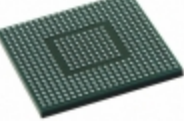

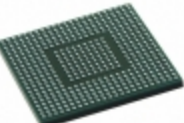
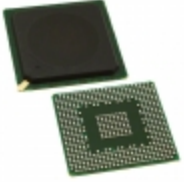
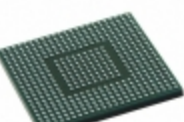
Specifications of MPC8309VMAGDCA

PART NUMBER	MPC8309VMAGDCA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 489BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8309VMAGDCA.pdf 2.MPC8309VMAGDCA.pdf
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	489-PBGA (19x19)
SPEED	400MHz
SERIES	MPC83xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DDR2
PACKAGING	Tray
PACKAGE / CASE	489-LFBGA
OTHER NAMES	568-14354 935317359557 MPC8309VMAGDCA-ND
OPERATING TEMPERATURE	0°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 e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 489-PBGA (19x19)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	Communications; QUICC Engine
BASE PART NUMBER	MPC8309
ADDITIONAL INTERFACES	CAN, DUART, I ² C, MMC/SD, PCI, SPI, TDM

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 <p>MPC8309CVMAFDCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 489BGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8313CVRADDC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 267MHZ 516BGA In stock: 150 pcs</p> <p>RFQ</p>
 <p>MPC8309CVMAGDCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 489BGA In stock: 360 pcs</p> <p>RFQ</p>	 <p>MPC8313CVRAFFB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 516BGA In stock: Out stock</p> <p>RFQ</p>
 <p>MPC830X-TLCD Manufacturers: NXP Semiconductors / Freescale Description: MODULE LCD DISPLAY FOR MPC830X In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8309CVMAHFCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 417MHZ 489BGA In stock: Out stock</p> <p>RFQ</p>
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 <p>MPC8309VMAHFCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 417MHZ 489BGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8309VMADDCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 266MHZ 489BGA In stock: 32 pcs</p> <p>RFQ</p>
 <p>MPC8313CVRADDB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 267MHZ 516BGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8309VMAFDCA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 489BGA In stock: 84 pcs</p> <p>RFQ</p>