




NXP Semiconductors / Freescale

## MPC8309VMAHFCA

Part Number:	MPC8309VMAHFCA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 417MHZ 489BGA
Datasheets:	<a href="#">1.MPC8309VMAHFCA.pdf</a> <a href="#">2.MPC8309VMAHFCA.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.




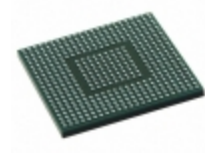

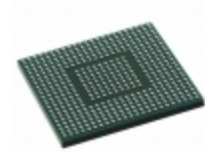
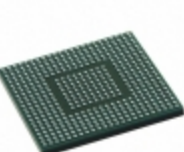


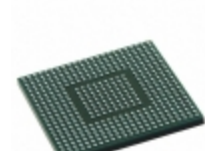
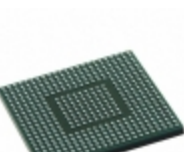

### Specifications of MPC8309VMAHFCA

PART NUMBER	MPC8309VMAHFCA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 417MHZ 489BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MPC8309VMAHFCA.pdf</a> <a href="#">2.MPC8309VMAHFCA.pdf</a>
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	489-PBGA (19x19)
SPEED	417MHz
SERIES	MPC83xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DDR2
PACKAGING	Tray
PACKAGE / CASE	489-LFBGA
OTHER NAMES	935319759557
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 417MHz 489-PBGA (19x19)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	Communications; QUICC Engine
BASE PART NUMBER	MPC8309
ADDITIONAL INTERFACES	CAN, DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI, TDM

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 <p><b>MPC8309CVMAHFCA</b>  Manufacturers: NXP Semiconductors / Freescale  Description: IC MPU MPC83XX 417MHZ 489BGA  In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MPC830X-TLCD</b>  Manufacturers: NXP Semiconductors / Freescale  Description: MODULE LCD DISPLAY FOR MPC830X  In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MPC8313CVRAFFB</b>  Manufacturers: NXP Semiconductors / Freescale  Description: IC MPU MPC83XX 333MHZ 516BGA  In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MPC8309VMAGDCA</b>  Manufacturers: NXP Semiconductors / Freescale  Description: IC MPU MPC83XX 400MHZ 489BGA  In stock: 360 pcs</p> <p><a href="#">RFQ</a></p>
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 <p><b>MPC8309VMAGDCA</b>  Manufacturers: NXP Semiconductors / Freescale  Description: IC MPU MPC83XX 400MHZ 489BGA  In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MPC8313CVRAFFC</b>  Manufacturers: NXP Semiconductors / Freescale  Description: IC MPU MPC83XX 333MHZ 516BGA  In stock: 863 pcs</p> <p><a href="#">RFQ</a></p>