

NXP Semiconductors / Freescale

### MPC8306SCVMACDCA

Part Number:	MPC8306SCVMACDCA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 200MHZ 369BGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6037 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

#### Specifications of MPC8306SCVMACDCA

PART NUMBER	MPC8306SCVMACDCA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 200MHZ 369BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6037 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	369-PBGA (19x19)
SPEED	200MHz
SERIES	MPC83xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DDR2
PACKAGING	Tray
PACKAGE / CASE	369-LFBGA
OTHER NAMES	935314345557
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 Mbps (3)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 200MHz 369-PBGA (19x19)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	Communications; QUICC Engine
BASE PART NUMBER	MPC8306
ADDITIONAL INTERFACES	DUART, I <sup>2</sup> C, SPI, TDM

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<p><b>MPC8306CVMAFDCA</b> Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 369BGA In stock: 4466 pcs</p>	<p><b>MPC8306SVMABDCA</b> Manufacturers: NXP Description: IC MPU MPC83XX 133MHZ 369BGA In stock: 6453 pcs</p>	<p><b>MPC8306SVMADDCA</b> Manufacturers: NXP Description: IC MPU MPC83XX 266MHZ 369BGA In stock: 6740 pcs</p>	<p><b>MPC8306SVMADDCA</b> Manufacturers: NXP Description: IC MPU MPC83XX 266MHZ 369BGA In stock: 6740 pcs</p>
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