

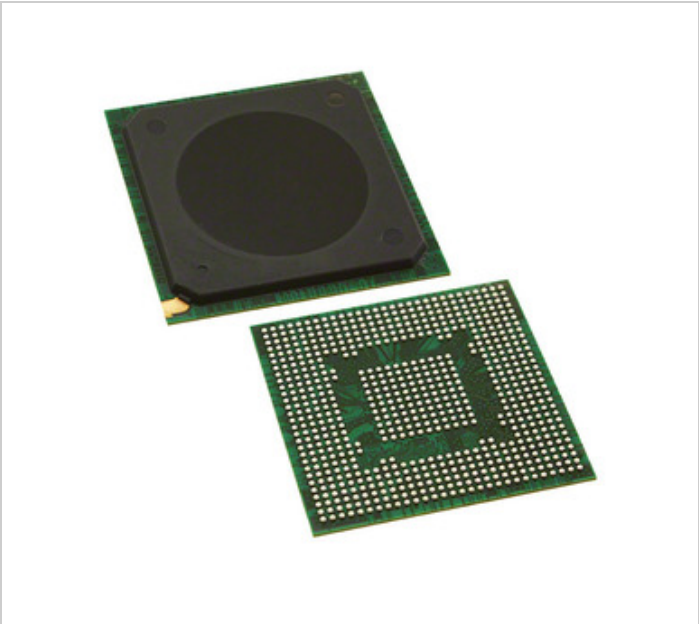


Image may be representation. See specifications for product details.

MPC8377ECVRAGDA

Part Number:	MPC8377ECVRAGDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 400MHZ 689TEBGA  1.MPC8377ECVRAGDA.pdf  2.MPC8377ECVRAGDA.pdf  3.MPC8377ECVRAGDA.pdf  4.MPC8377ECVRAGDA.pdf  5.MPC8377ECVRAGDA.pdf  6.MPC8377ECVRAGDA.pdf  7.MPC8377ECVRAGDA.pdf  8.MPC8377ECVRAGDA.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
REQUEST FOR QUOTATION L/Fedex/TNT/UPS/EMS	

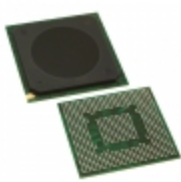
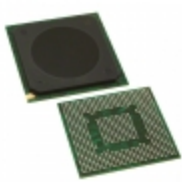
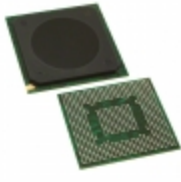
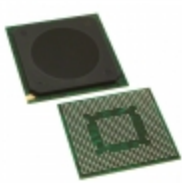
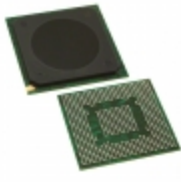
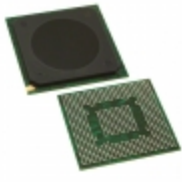
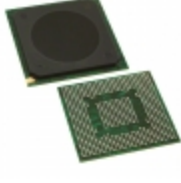
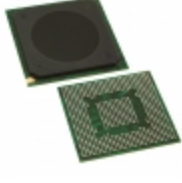
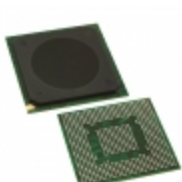
Specifications of MPC8377ECVRAGDA

PART NUMBER	MPC8377ECVRAGDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MPC8377ECVRAGDA.pdf  2.MPC8377ECVRAGDA.pdf  3.MPC8377ECVRAGDA.pdf  4.MPC8377ECVRAGDA.pdf  5.MPC8377ECVRAGDA.pdf  6.MPC8377ECVRAGDA.pdf  7.MPC8377ECVRAGDA.pdf  8.MPC8377ECVRAGDA.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEPBGA II (31x31)
SPEED	400MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935324484557
OPERATING TEMPERATURE	-40°C ~ 125°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 e300c4s Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e300c4s
CO-PROCESSORS/DSP	Security; SEC 3.0
BASE PART NUMBER	MPC8377
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, PCI, SPI

Related Tags

NXP Semiconductors / Freescale MPC8377ECVRAGDA	MPC8377ECVRAGDA Distributor	MPC8377ECVRAGDA Supplier
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Freescale Semiconductor - NXP MPC8377ECVRAGDA	NXP USA Inc. MPC8377ECVRAGDA	

Related Products

 MPC8377ECVRANG Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: Out stock RFQ	 MPC8377ECVRANGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: 85 pcs RFQ
 MPC8377CVRANGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: 54 pcs RFQ	 MPC8377E-MDS-PB Manufacturers: NXP Semiconductors / Freescale Description: BOARD MODULAR DEV SYSTEM In stock: Out stock RFQ
 MPC8377E-RDBA Manufacturers: NXP Semiconductors / Freescale Description: BOARD REF DES MPC8377 REV 2.1 In stock: Out stock RFQ	 MPC8377ECVRAGD Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock RFQ
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 MPC8377E800RDBA Manufacturers: NXP Semiconductors / Freescale Description: BOARD MPC8377E REV 2.1 In stock: Out stock RFQ	 MPC8377ECVRALGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 27 pcs RFQ

