



NXP Semiconductors / Freescale

MPC8377EVRALG

Part Number: MPC8377EVRALG

Manufacturer/Brand: NXP Semiconductors / Freescale

Product description: IC MPU MPC83XX 667MHZ 689TEBGA

MPC8377EVRALG

NXP Semiconductors / Freescale

IC MPU MPC83XX 667MHZ 689TEBGA

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Datasheets:

RoHS Status

 Lead free / RoHS Compliant

Ship From

Hong Kong

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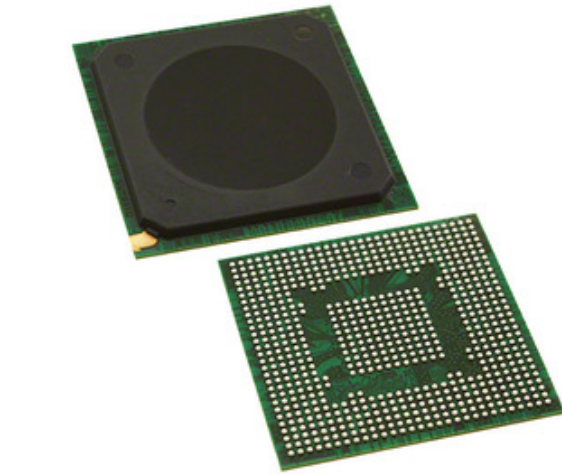


Image may be representation. See specifications for product details.


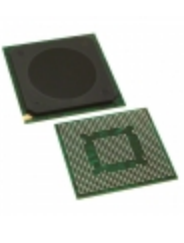
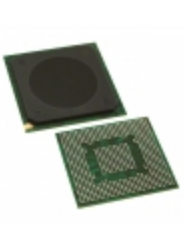
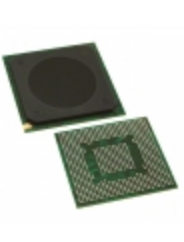
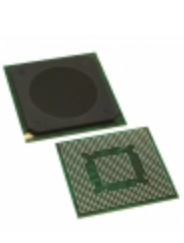
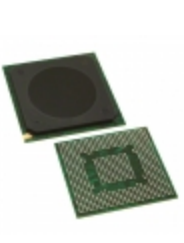

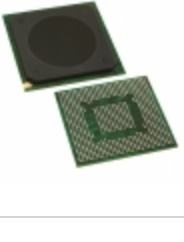


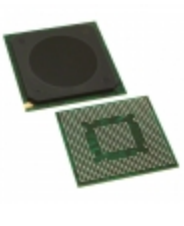
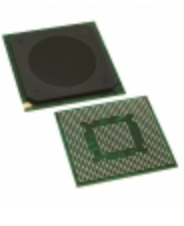
Specifications of MPC8377EVRALG

PART NUMBER	MPC8377EVRALG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 667MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MPC8377EVRALG.pdf PDF 2.MPC8377EVRALG.pdf PDF 3.MPC8377EVRALG.pdf PDF 4.MPC8377EVRALG.pdf PDF 5.MPC8377EVRALG.pdf PDF 6.MPC8377EVRALG.pdf PDF 7.MPC8377EVRALG.pdf PDF 8.MPC8377EVRALG.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEBGA II (31x31)
SPEED	667MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OPERATING TEMPERATURE	0°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 667MHz 689-TEBGA 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

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 <p>MPC8377EVRAGDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: 27 pcs</p> <p>RFQ</p>	 <p>MPC8377EVRANGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8377EVRANG Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8377EVRAJF Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>
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 <p>MPC8377EVRAJFA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 27 pcs</p> <p>RFQ</p>	 <p>MPC8377EWLANA Manufacturers: NXP Semiconductors / Freescale Description: ACCESS POINT/ROUTER MPC8377 In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8377EVRALGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 135 pcs</p> <p>RFQ</p>	 <p>MPC8377EVRAGD Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>

