



NXP Semiconductors / Freescale

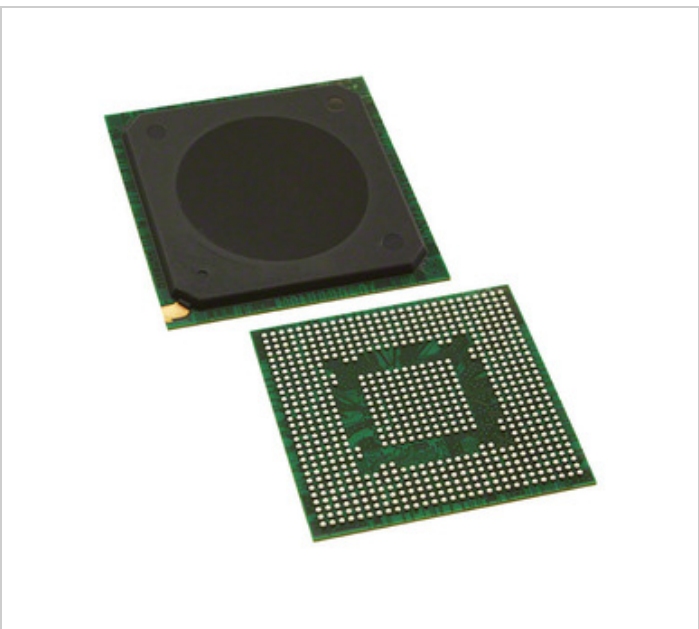


Image may be representation. See specifications for product details.

MPC8379EVRANG

Part Number:	MPC8379EVRANG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 800MHZ 689TEBGA
	1.MPC8379EVRANG.pdf
	2.MPC8379EVRANG.pdf
	3.MPC8379EVRANG.pdf
	4.MPC8379EVRANG.pdf
	5.MPC8379EVRANG.pdf
	6.MPC8379EVRANG.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

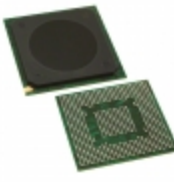
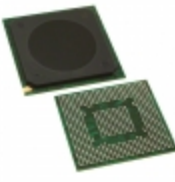
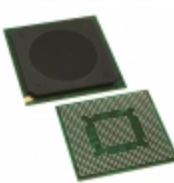
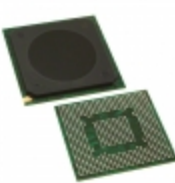
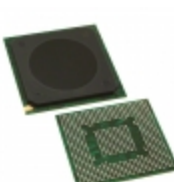
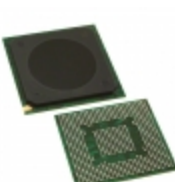
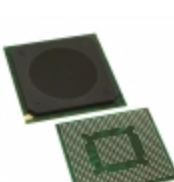
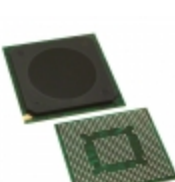
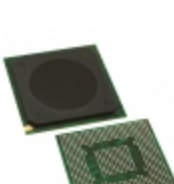
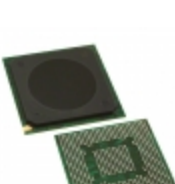
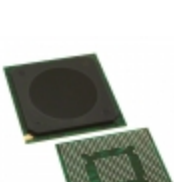
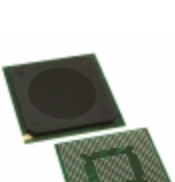
Specifications of MPC8379EVRANG

PART NUMBER	MPC8379EVRANG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8379EVRANG.pdf 2.MPC8379EVRANG.pdf 3.MPC8379EVRANG.pdf 4.MPC8379EVRANG.pdf 5.MPC8379EVRANG.pdf 6.MPC8379EVRANG.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEPBGA II (31x31)
SPEED	800MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	SATA 3Gbps (4)
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 800MHz 689-TEPBGA II (31x31)
CORE PROCESSOR	PowerPC e300c4s
CO-PROCESSORS/DSP	Security; SEC 3.0
BASE PART NUMBER	MPC8379
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, PCI, SPI

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