

NXP Semiconductors / Freescale

MPC8378EVRANGA

Part Number:	MPC8378EVRANGA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 800MHZ 689TEBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1509 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

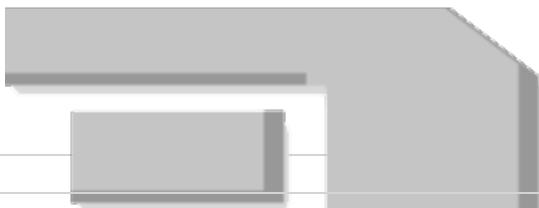
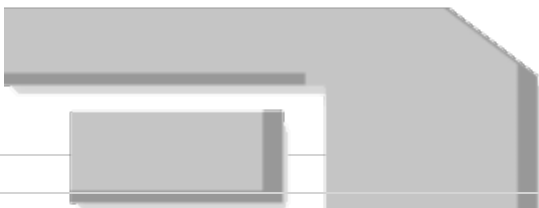
Specifications of MPC8378EVRANGA

PART NUMBER	MPC8378EVRANGA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1509 pcs
DATA SHEET	
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	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935310846557
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	MPC8378
ADDITIONAL INTERFACES	DUART, I²C, MMC/SD, PCI, SPI

Related Tags

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	MPC8378EVRALG Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 3286 pcs RFQ		MPC8378VRALG Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 3213 pcs RFQ
	MPC8378EVRAJF Manufacturers: NXP Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 6441 pcs RFQ		MPC8378EVRAJFA Manufacturers: NXP Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 1808 pcs RFQ
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