

NXP Semiconductors / Freescale

MPC8377VRANGA

Part Number:	MPC8377VRANGA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 800MHZ 689TEBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1474 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

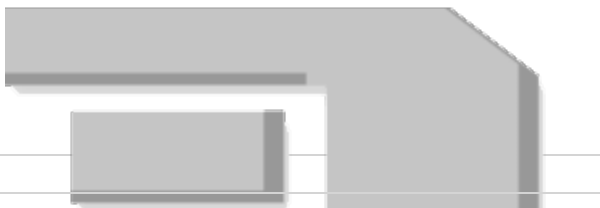
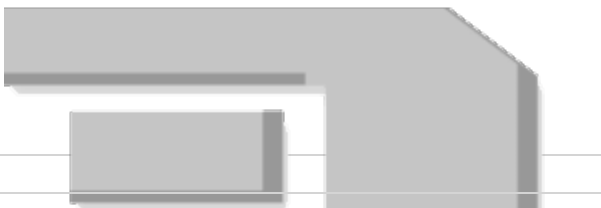
Specifications of MPC8377VRANGA

PART NUMBER	MPC8377VRANGA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1474 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	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935314618557
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	-
BASE PART NUMBER	MPC8377
ADDITIONAL INTERFACES	DUART, I²C, MMC/SD, PCI, SPI

Related Tags

MPC8377VRANGA	MPC8377VRANGA Distributor	MPC8377VRANGA Supplier
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	MPC8378CVRALG Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 3215 pcs RFQ		MPC8378CVRANG Manufacturers: NXP Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: 3476 pcs RFQ
	MPC8377VRALG Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 4471 pcs RFQ		MPC8378CVRAGD Manufacturers: NXP Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: 6871 pcs RFQ
	MPC8377VRAJFA Manufacturers: NXP Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 1757 pcs RFQ		MPC8377VRAGDA Manufacturers: NXP Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: 2086 pcs RFQ
	MPC8378CVRAJF Manufacturers: NXP Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 5963 pcs RFQ		MPC8378CVRALGA Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 1578 pcs RFQ
	MPC8378CVRAGDA Manufacturers: NXP Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: 1653 pcs RFQ		MPC8377VRALGA Manufacturers: NXP Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 1282 pcs RFQ
	MPC8377VRANG Manufacturers: NXP Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: 3133 pcs RFQ		MPC8377VRAJF Manufacturers: NXP Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: 3075 pcs RFQ