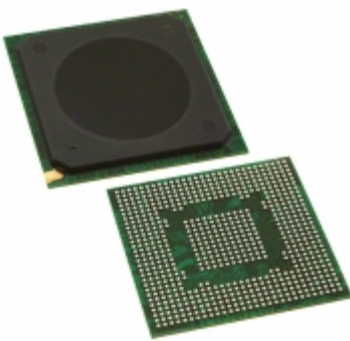


MPC8378VRANG



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MPC8378VRANG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC83XX 800MHZ 689TEBGA

Data sheet:  [eSDHC Data Timeout Errata](#)
 [MPC837x PowerQUICC® II Pro Brochure](#)
 [SATA-A-006187 Errata](#)
 [SATA-A005255 Errata](#)
 [TBI Link Status Errata](#)
 [USB Errata](#)

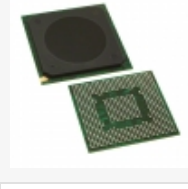
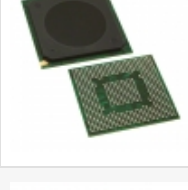
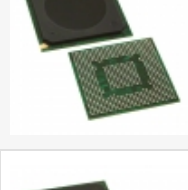
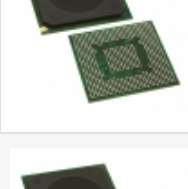
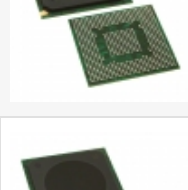
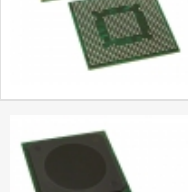
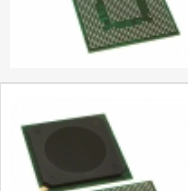
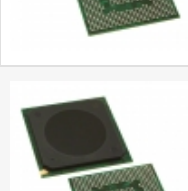
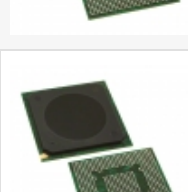
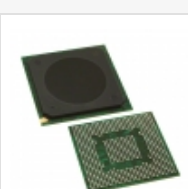
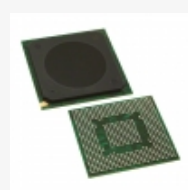
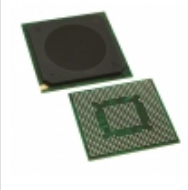
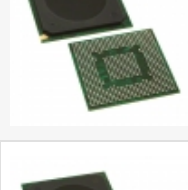
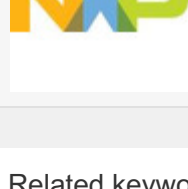
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	MPC8378VRANG	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC83XX 800MHZ 689TEBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4419 pcs	Data sheet	eSDHC Data Timeout Errata MPC837x PowerQUICC® II Pro Brochure SATA-A-006187 Errata SATA-A005255 Errata TBI Link Status Errata USB Errata
Category	Integrated Circuits (ICs)	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	-
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	-	Base Part Number	MPC8378
Additional Interfaces	DUART, I²C, MMC/SD, PCI, SPI		
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	Part#: MPC8378VRAJF Description: IC MPU MPC83XX 533MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379CVRALGA Description: IC MPU MPC83XX 667MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379CVRANG Description: IC MPU MPC83XX 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378EVRANG Description: IC MPU MPC83XX 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC8378VRAJFA Description: IC MPU MPC83XX 533MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378VRAGD Description: IC MPU MPC83XX 400MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378EVRALGA Description: IC MPU MPC83XX 667MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378VRALGA Description: IC MPU MPC83XX 667MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379E-MDS-PB Description: BOARD PROCESSOR FOR MDS S	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378VRANGA Description: IC MPU MPC83XX 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378EVRANGA Description: IC MPU MPC83XX 800MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379CVRAGD Description: IC MPU MPC83XX 400MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC8379CVRALG Description: IC MPU MPC83XX 667MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379CVRAJF Description: IC MPU MPC83XX 533MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8378VRALG Description: IC MPU MPC83XX 667MHZ 689TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8379E-RDB Description: BOARD REFERENCE FOR MPC837	Manufacturers: NXP Semiconductors / Freescale	RFQ

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