




NXP Semiconductors / Freescale

## MPC8379VRANG

Part Number:	MPC8379VRANG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 800MHZ 689TEBGA
Datasheets:	<a href="#">1.MPC8379VRANG.pdf</a> <a href="#">2.MPC8379VRANG.pdf</a> <a href="#">3.MPC8379VRANG.pdf</a> <a href="#">4.MPC8379VRANG.pdf</a> <a href="#">5.MPC8379VRANG.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

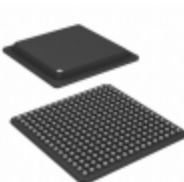
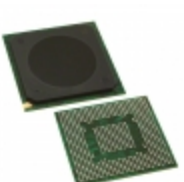
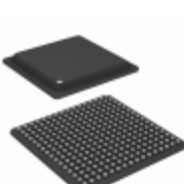
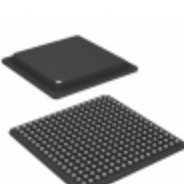
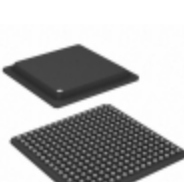
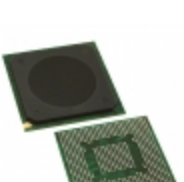
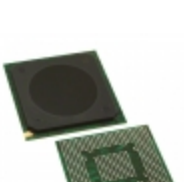
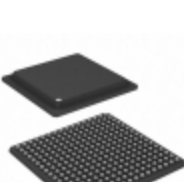

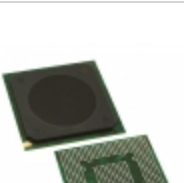

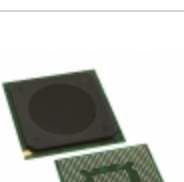
### Specifications of MPC8379VRANG

PART NUMBER	MPC8379VRANG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 800MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MPC8379VRANG.pdf</a> <a href="#">2.MPC8379VRANG.pdf</a> <a href="#">3.MPC8379VRANG.pdf</a> <a href="#">4.MPC8379VRANG.pdf</a> <a href="#">5.MPC8379VRANG.pdf</a>
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEBGA II (31x31)
SPEED	800MHz
SERIES	MPC83xx
SECURITY FEATURES	-
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-TEBGA II (31x31)
CORE PROCESSOR	PowerPC e300c4s
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MPC8379
ADDITIONAL INTERFACES	DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI

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### Related Products

 <p><b>MPC850CZQ50BU</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC8XX 50MHZ 256BGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC8379VRALG</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 667MHZ 689TEBGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>MPC850CZQ50BUR2</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC8XX 50MHZ 256BGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC850CVR66BU</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC8XX 66MHZ 256BGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>MPC850CVR50BU</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC8XX 50MHZ 256BGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC8379VRAJF</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 533MHZ 689TEBGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>MPC8379VRAGDA</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 400MHZ 689TEBGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC850CVR50BUR2</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC8XX 50MHZ 256BGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>MPC8379VRALGA</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 667MHZ 689TEBGA          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC8379VRAGD</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 400MHZ 689TEBGA          In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>MPC837XE-MDS-PB</b>          Manufacturers: NXP Semiconductors / Freescale          Description: BOARD PROCESSOR FOR MDS S          In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>MPC8379VRAJFA</b>          Manufacturers: NXP Semiconductors / Freescale          Description: IC MPU MPC83XX 533MHZ 689TEBGA          In stock: 27 pcs  <a href="#">RFQ</a></p>