




NXP Semiconductors / Freescale

MPC8378ECVRALG

Part Number:	MPC8378ECVRALG
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 667MHZ 689TEBGA
Datasheets:	1.MPC8378ECVRALG.pdf 2.MPC8378ECVRALG.pdf 3.MPC8378ECVRALG.pdf 4.MPC8378ECVRALG.pdf 5.MPC8378ECVRALG.pdf 6.MPC8378ECVRALG.pdf
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.

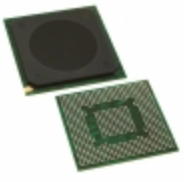
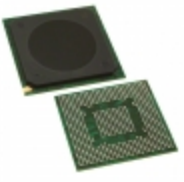
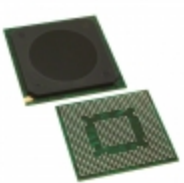
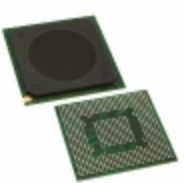
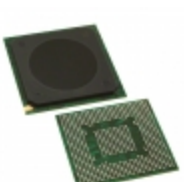
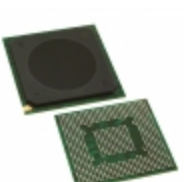
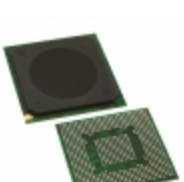
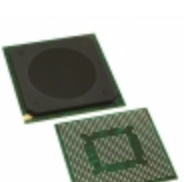
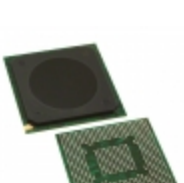

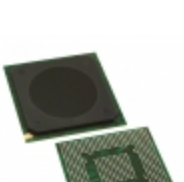
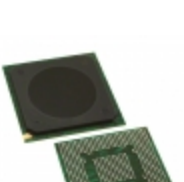
Specifications of MPC8378ECVRALG

PART NUMBER	MPC8378ECVRALG
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 667MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8378ECVRALG.pdf 2.MPC8378ECVRALG.pdf 3.MPC8378ECVRALG.pdf 4.MPC8378ECVRALG.pdf 5.MPC8378ECVRALG.pdf 6.MPC8378ECVRALG.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEBGA II (31x31)
SPEED	667MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OPERATING TEMPERATURE	-40°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 667MHz 689-TEBGA II (31x31)
CORE PROCESSOR	PowerPC e300c4s
CO-PROCESSORS/DSP	Security; SEC 3.0
BASE PART NUMBER	MPC8378
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, PCI, SPI

Related Tags

NXP Semiconductors / Freescale MPC8378ECVRALG	MPC8378ECVRALG Distributor	MPC8378ECVRALG Supplier
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Related Products

 <p>MPC8378EVRAJF Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8378EVRAGDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8378ECVRANGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8378ECVRANG Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8378ECVRAGD Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8378CVRANGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 800MHZ 689TEBGA In stock: 17 pcs</p> <p>RFQ</p>
 <p>MPC8378EVRAGD Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8378ECVRAGDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8378ECVRALGA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 667MHZ 689TEBGA In stock: 27 pcs</p> <p>RFQ</p>	 <p>MPC8378E-MDS-PB Manufacturers: NXP Semiconductors / Freescale Description: BOARD PROCESSOR FOR MDS S In stock: Out stock</p> <p>RFQ</p>
 <p>MPC8378ECVRAJF Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>	 <p>MPC8378ECVRAJFA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 533MHZ 689TEBGA In stock: Out stock</p> <p>RFQ</p>