NXP Semiconductors / Freescale

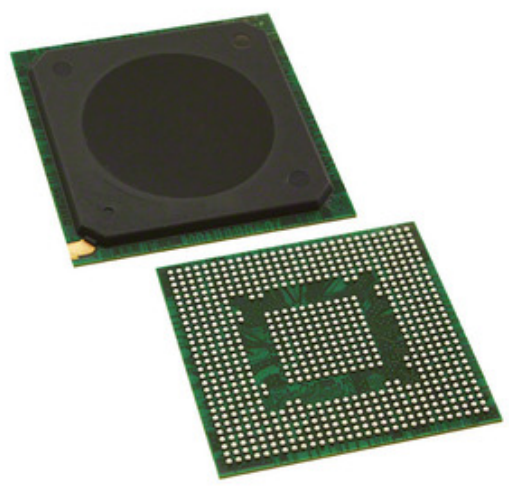

Image may be representation. See specifications for product details.

MPC8378ECVRAJFA

Part Number:	MPC8378ECVRAJFA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 533MHZ 689TEBGA
Datasheets:	1.MPC8378ECVRAJFA.pdf 2.MPC8378ECVRAJFA.pdf 3.MPC8378ECVRAJFA.pdf 4.MPC8378ECVRAJFA.pdf 5.MPC8378ECVRAJFA.pdf 6.MPC8378ECVRAJFA.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPC8378ECVRAJFA

PART NUMBER	MPC8378ECVRAJFA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 533MHZ 689TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8378ECVRAJFA.pdf 2.MPC8378ECVRAJFA.pdf 3.MPC8378ECVRAJFA.pdf 4.MPC8378ECVRAJFA.pdf 5.MPC8378ECVRAJFA.pdf 6.MPC8378ECVRAJFA.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	689-TEPBGA II (31x31)
SPEED	533MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	689-BBGA Exposed Pad
OTHER NAMES	935323187557
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 533MHz 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

NXP Semiconductors / Freescale MPC8378ECVRAJFA	MPC8378ECVRAJFA Distributor	MPC8378ECVRAJFA Supplier
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Related Products

MPC8378CVRANG
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 800MHZ 689TEBGA
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MPC8378EVRAGDA
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 400MHZ 689TEBGA
In stock: Out stock
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MPC8378EVRAGD
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 400MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378E-MDS-PB
Manufacturers: NXP Semiconductors / Freescale
Description: BOARD PROCESSOR FOR MDS S
In stock: Out stock
RFQ

MPC8378ECVRAGD
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 400MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378CVRANGA
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 800MHZ 689TEBGA
In stock: 17 pcs
RFQ

MPC8378ECVRANGA
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 800MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378ECVRALG
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 667MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378ECVRAGDA
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 400MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378ECVRANG
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 800MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378ECVRAJF
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU MPC83XX 533MHZ 689TEBGA
In stock: Out stock
RFQ

MPC8378ECVRALGA
Manufacturers: NXP Semiconductors / Freescale
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