



NXP Semiconductors / Freescale

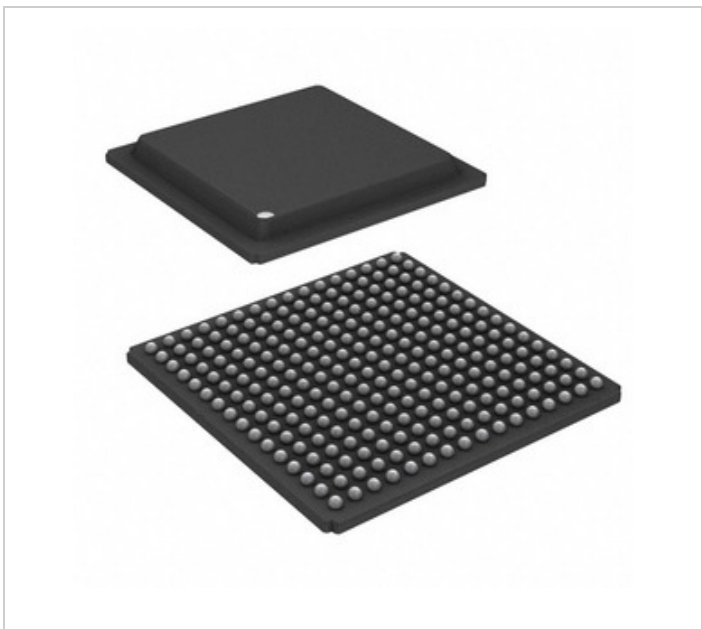


Image may be representation. See specifications for product details.

MPC823VR81B2T

Part Number:	MPC823VR81B2T
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC8XX 81MHZ 256BGA
	1.MPC823VR81B2T.pdf
	2.MPC823VR81B2T.pdf
	3.MPC823VR81B2T.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

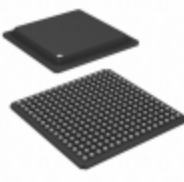
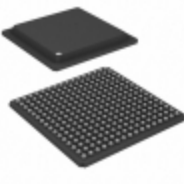
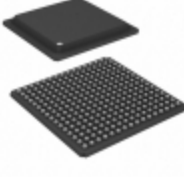
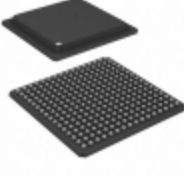
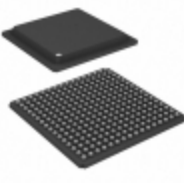
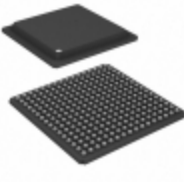
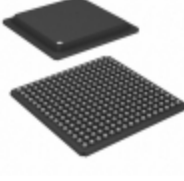
Specifications of MPC823VR81B2T

PART NUMBER	MPC823VR81B2T
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC8XX 81MHZ 256BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC823VR81B2T.pdf 2.MPC823VR81B2T.pdf 3.MPC823VR81B2T.pdf
VOLTAGE - I/O	3.3V
USB	USB 1.x (1)
SUPPLIER DEVICE PACKAGE	256-PBGA (23x23)
SPEED	81MHz
SERIES	MPC8xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DRAM
PACKAGING	Tray
PACKAGE / CASE	256-BBGA
OPERATING TEMPERATURE	0°C ~ 95°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 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	LCD, Video
DETAILED DESCRIPTION	PowerPC Microprocessor IC MPC8xx 1 Core, 32-Bit 81MHz 256-PBGA (23x23)
CORE PROCESSOR	PowerPC
CO-PROCESSORS/DSP	Communications; RISC CPM
BASE PART NUMBER	MPC823
ADDITIONAL INTERFACES	I ² C, SMC, SCC, SPI, UART

Related Tags

NXP Semiconductors / Freescale MPC823VR81B2T	MPC823VR81B2T Distributor	MPC823VR81B2T Supplier
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Freescale Semiconductor - NXP MPC823VR81B2T	NXP USA Inc. MPC823VR81B2T	

Related Products

 MPC823ZQ75B2T Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC8XX 75MHZ 256BGA In stock: Out stock RFQ	 MPC8241LVR166D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC82XX 166MHZ 357BGA In stock: Out stock RFQ
 MPC8-2YD24V Manufacturers: Bivar, Inc. Description: PNL MNT 24V YELLOW 5MM In stock: Out stock RFQ	 MPC823CVR66B2T Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC8XX 66MHZ 256BGA In stock: Out stock RFQ
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