

KMPC823ZQ75B2T



Part Number: [KMPC823ZQ75B2T](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC8XX 75MHZ 256BGA

Data sheet:  [XPC823\(E\) Fact Sheet](#)
 [MPC823 Product Brief](#)
 [MPC823 AC Elect Spec](#)

RoHs Status: Lead free / RoHS Compliant

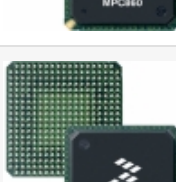
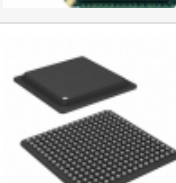
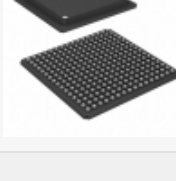
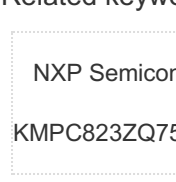
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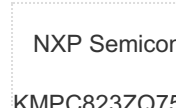
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PRODUCT PARAMETER			
Part Number	KMPC823ZQ75B2T	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC8XX 75MHZ 256BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2117 pcs	Data sheet	XPC823(E) Fact Sheet MPC823 Product Brief MPC823 AC Elect Spec
Category	Integrated Circuits (ICs)	Voltage - I/O	3.3V
USB	USB 1.x (1)	Supplier Device Package	256-PBGA (23x23)
Speed	75MHz	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 75MHz 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		
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	Part#: KMPC8245LVV266D Description: IC MPU MPC82XX 266MHZ 352TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8245LVV300D Description: IC MPU MPC82XX 300MHZ 352TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8241TZQ166D Description: IC MPU MPC82XX 166MHZ 357BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: KMPC8241TZQ200D Description: IC MPU MPC82XX 200MHZ 357BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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