

MPC566AZP56



Part Number: [MPC566AZP56](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 388BGA

Data sheet:  [MPC565,566 Prod Brief](#)

RoHs Status: Contains lead / RoHS non-compliant

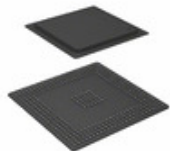
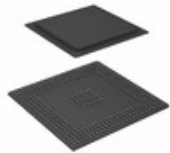
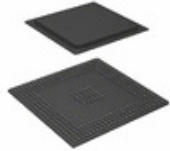
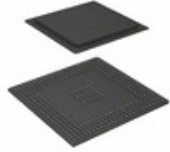
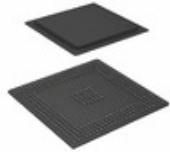
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PRODUCT PARAMETER			
Part Number	MPC566AZP56	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 388BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	552 pcs	Data sheet	MPC565,566 Prod Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 2.7 V
Supplier Device Package	388-PBGA (27x27)	Speed	56MHz
Series	MPC5xx	RAM Size	36K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	388-BBGA	Other Names	935325252557
Oscillator Type	External	Operating Temperature	-55°C ~ 125°C (TA)
Number of I/O	56	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	PowerPC MPC5xx Microcontroller IC 32-Bit 56MHz 1MB (1M x 8) FLASH 388-PBGA (27x27)	Data Converters	A/D 40x10b
Core Size	32-Bit	Core Processor	PowerPC
Connectivity	CANbus, EBI/EMI, SCI, SPI, UART/USART	Base Part Number	MPC566
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RELATED PRODUCTS			
	Part#: MPC5744P-144DS Description: DAUGHTER BOARD FOR MPC5744P	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565MZIP56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566CVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566CZIP40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566CVR40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565CZIP40R2 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC5744P-257DS Description: DAUGHTER CARD MPC5744P W SOCKET	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566MVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC5668GNEXUSADP Description: ADAPTER FOR FULL NEXUS	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566MZIP56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565MZIP56R2 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566AVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565MVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565CVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC567XKIT516-PT Description: EVALUATION KIT FOR QORIVVA MPC56	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565CZIP56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566EVB Description: KIT EVALUATION FOR MPC565/566	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC566CZIP56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565CZIP40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565MVR56R2 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for MPC566AZP56

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