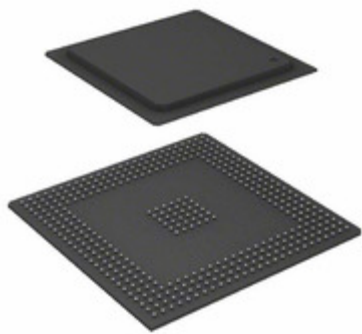


MPC566CVR56



Part Number: [MPC566CVR56](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 388BGA

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

RoHs Status: Lead free / RoHS Compliant

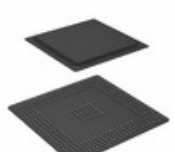
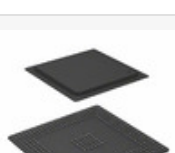
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PRODUCT PARAMETER			
Part Number	MPC566CVR56	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 388BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1022 pcs	Data sheet	MPC565,566 Prod Brief
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	935319143557
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	56	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS 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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	Part#: MPC566CZP56 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#: 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#: MPC565MVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC5746R-144DS Description: DAUGHTER BOARD FOR MPC5746R	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC565MZIP56R2 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
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	Part#: MPC566AVR56 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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