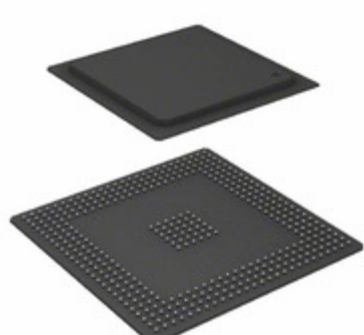


## MPC561MZP66



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**Part Number:** [MPC561MZP66](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 32BIT ROMLESS 388PBGA  
**Data sheet:**

**RoHS Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	MPC561MZP66	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 32BIT ROMLESS 388PBGA	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	5369 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.5 V ~ 2.7 V
<b>Supplier Device Package</b>	388-PBGA (27x27)	<b>Speed</b>	66MHz
<b>Series</b>	MPC5xx	<b>RAM Size</b>	32K x 8
<b>Program Memory Type</b>	ROMless	<b>Program Memory Size</b>	-
<b>Peripherals</b>	POR, PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	388-BBGA	<b>Oscillator Type</b>	External
<b>Operating Temperature</b>	-40°C ~ 125°C (TA)	<b>Number of I/O</b>	64
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	PowerPC MPC5xx Microcontroller IC 32-Bit 66MHz ROMless 388-PBGA (27x27)
<b>Data Converters</b>	A/D 32x10b	<b>Core Size</b>	32-Bit
<b>Core Processor</b>	PowerPC	<b>Connectivity</b>	CANbus, EBI/EMI, SCI, SPI, UART/USART
<b>Base Part Number</b>	MPC561		

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	<b>Part#:</b> <a href="#">MPC563CVR40</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 388BGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC5604EKIT</a> <b>Description:</b> KIT DEV VOE WITH MPC5604E	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC563CZP40</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 388BGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC561MZP56R2</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC562MZP56</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC561MVR56</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC567MVR132</a> <b>Description:</b> NXP 32-BIT MCU POWER ARCH CORE	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC561MZP56</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC562CZP66</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC561CZP66</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC562CZP40</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MPC563CZP66</a> <b>Description:</b> IC MCU 32BIT 512KB FLASH 388BGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC561CVR40</a> <b>Description:</b> IC MCU 32BIT ROMLESS 388PBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MPC5606S-DEMO-V2</a> <b>Description:</b> BOARD EVAL FOR MPC5606S MCU	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

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