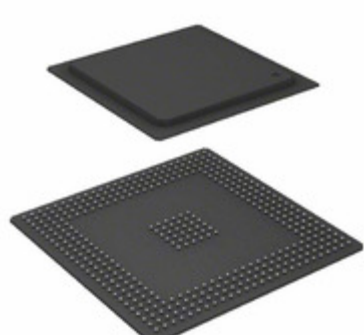


**MPC561MZP56R2**



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MPC561MZP56R2](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 32BIT ROMLESS 388PBGA  
**Data sheet:** [MPC561/563 Ref Manual](#)

**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>	MPC561MZP56R2	<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>	2749 pcs	<b>Data sheet</b>	<a href="#">MPC561/563 Ref Manual</a>
<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>	56MHz
<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>	Tape & Reel (TR)
<b>Package / Case</b>	388-BBGA	<b>Other Names</b>	935316779518
<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 56MHz 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="#">MPC561CZP40</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="#">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="#">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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