

PPC5604BCLL48



Part Number: [PPC5604BCLL48](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [MPC5604B/C](#)  
 [MPC560xB,C,D Fact Sheet](#)  
 [MPC5602-4B,C Ref Manual](#)

RoHS Status: Lead free / RoHS Compliant

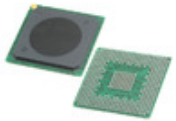
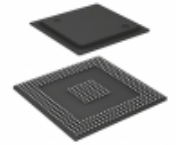
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PPC5604BCLL48                             | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 512KB FLASH 100LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4575 pcs                                  | Data sheet                     | <a href="#">MPC5604B/C</a><br><a href="#">MPC560xB,C,D Fact Sheet</a><br><a href="#">MPC5602-4B,C Ref Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-LQFP (14x14)                          | Speed                          | 48MHz                                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MPC56xx Qorivva                           | RAM Size                       | 32K x 8                                                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size            | 512KB (512K x 8)                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-LQFP                                  | Oscillator Type                | Internal                                                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                         | Number of I/O                  | 79                                                                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                       |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 64K x 8                                   | Detailed Description           | e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)                  |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 28x10b                                | Core Size                      | 32-Bit                                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | e200z0h                                   | Connectivity                   | CANbus, I <sup>2</sup> C, LINbus, SCI, SPI                                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PC5604                                    |                                |                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 4575 pieces of NXP Semiconductors / Freescale PPC5604BCLL48 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PPC5121VY400</a><br>Description: IC MCU 32BIT ROMLESS 516FPBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC21 BK080</a><br>Description: CABLE GLAND 13-18MM PG21 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC7 BK080</a><br>Description: CABLE GLAND 3-6.5MM PG7 POLY        | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5605BCLQ48</a><br>Description: IC MCU 32BIT 768KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5567MVR132</a><br>Description: IC MCU 32BIT 2MB FLASH 416BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5606BCLQ64</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5606BCLU48</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5605BCLU64</a><br>Description: IC MCU 32BIT 768KB FLASH 176LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5605BCLU48</a><br>Description: IC MCU 32BIT 768KB FLASH 176LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC25X50</a><br>Description: PAN POUCH CANVAS FOR CABLE TIES       | Manufacturers: <a href="#">Panduit</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5604BCLL64</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC25X50F</a><br>Description: PAN POUCH CANVAS WITH CABLE TIES     | Manufacturers: <a href="#">Panduit</a>                        | <div>RFQ</div> |
|  | Part#: <a href="#">PPC21 SL080</a><br>Description: CABLE GLAND 13-18MM PG21 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5606BCLQ48</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC29 SL080</a><br>Description: CABLE GLAND 18-25MM PG29 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5605BCLQ64</a><br>Description: IC MCU 32BIT 768KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC16 SL080</a><br>Description: CABLE GLAND 10-14MM PG16 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC5606BCLU64</a><br>Description: IC MCU 32BIT 1MB FLASH 176LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PPC29 BK080</a><br>Description: CABLE GLAND 18-25MM PG29 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">PPC16 BK080</a><br>Description: CABLE GLAND 10-14MM PG16 POLY      | Manufacturers: <a href="#">Alpha Wire</a>                     | <div>RFQ</div> |

| Related keywords for PPC5604BCLL48           |                                  |                         |                                             |
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