

NXP Semiconductors / Freescale

PPC5604BCLL64

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PPC5604BCLL64                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6583 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

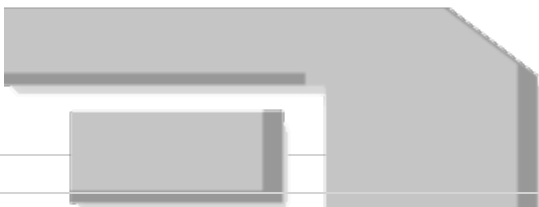
Specifications of PPC5604BCLL64

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PPC5604BCLL64                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 6583 pcs                                                                                        |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                |
| SPEED                            | 64MHz                                                                                           |
| 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 64MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 28x10b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | e200z0h                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                   |
| BASE PART NUMBER                 | PC5604                                                                                          |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| PPC5604BCLL64               | PPC5604BCLL64 Distributor        | PPC5604BCLL64 Supplier  |
| PPC5604BCLL64 Price         | PPC5604BCLL64 Pictures           | PPC5604BCLL64 Image     |
| PPC5604BCLL64 PDF Datasheet | PPC5604BCLL64 Download Datasheet | PPC5604BCLL64 Datasheet |
| PPC5604BCLL64 Stock         | Buy PPC5604BCLL64                | Buy PPC5604BCLL64       |
| PPC5604BCLL64               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                              |                                                                                      |                                                                                                                                              |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>PPC5606BCLQ64</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6613 pcs</p> <p>RFQ</p>      |  | <p><b>PPC5605BCLQ48</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 6967 pcs</p> <p>RFQ</p>    |
|  | <p><b>PPC25X50F</b></p> <p>Manufacturers: Panduit<br/>Description: PAN POUCH CANVAS WITH CABLE TIES<br/>In stock: 356 pcs</p> <p>RFQ</p>     |   | <p><b>PPC29 BK080</b></p> <p>Manufacturers: Alpha Wire<br/>Description: CABLE GLAND 18-25MM PG29 POLY<br/>In stock: 15691 pcs</p> <p>RFQ</p> |
|  | <p><b>PPC5606BCLQ48</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 3413 pcs</p> <p>RFQ</p>      |  | <p><b>PPC5605BCLQ64</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 2856 pcs</p> <p>RFQ</p>    |
|  | <p><b>PPC5567MVR132</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 2MB FLASH 416BGA<br/>In stock: 6456 pcs</p> <p>RFQ</p>       |  | <p><b>PPC5605BCLU64</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: 3859 pcs</p> <p>RFQ</p>    |
|  | <p><b>PPC5604BCLL48</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 6595 pcs</p> <p>RFQ</p>    |  | <p><b>PPC5121VY400</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT ROMLESS 516FPBGA<br/>In stock: 3674 pcs</p> <p>RFQ</p>        |
|  | <p><b>PPC29 SL080</b></p> <p>Manufacturers: Alpha Wire<br/>Description: CABLE GLAND 18-25MM PG29 POLY<br/>In stock: 16240 pcs</p> <p>RFQ</p> |  | <p><b>PPC5605BCLU48</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: 6933 pcs</p> <p>RFQ</p>    |