

NXP Semiconductors / Freescale

PPC5606BCLU48

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PPC5606BCLU48                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 176LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6425 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

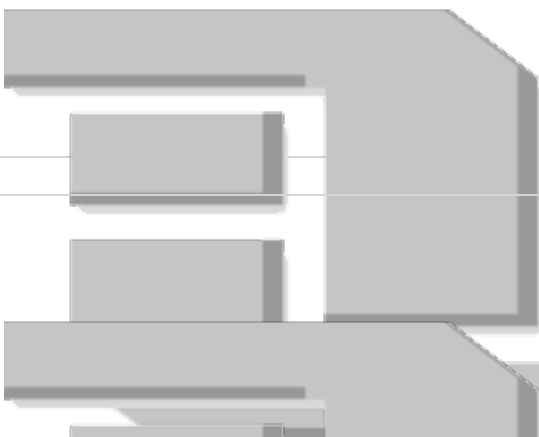
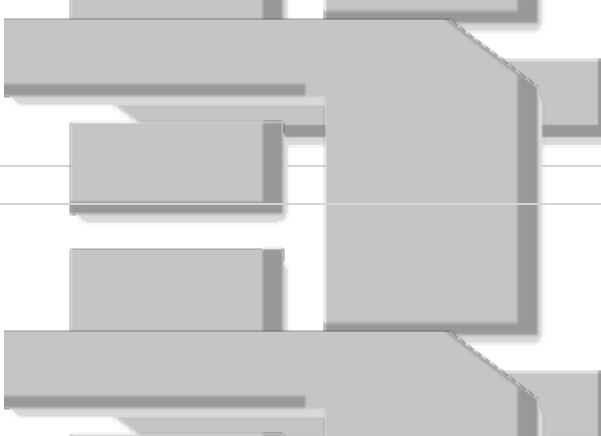
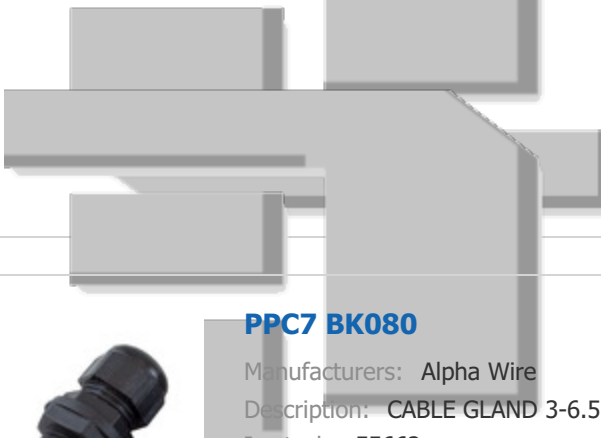
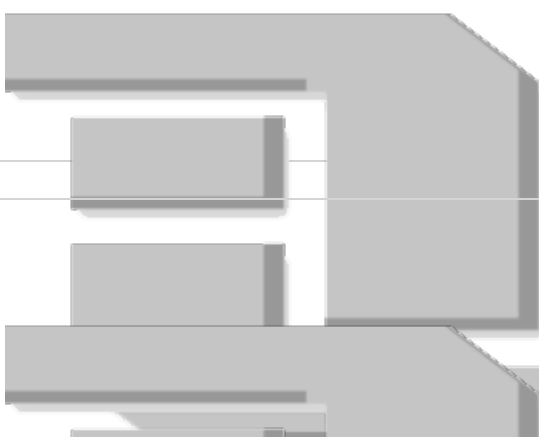
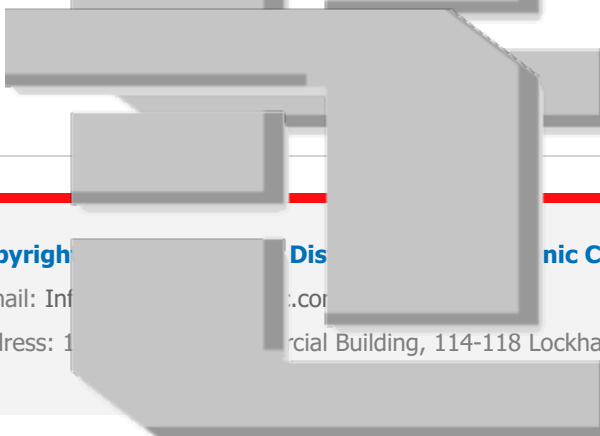
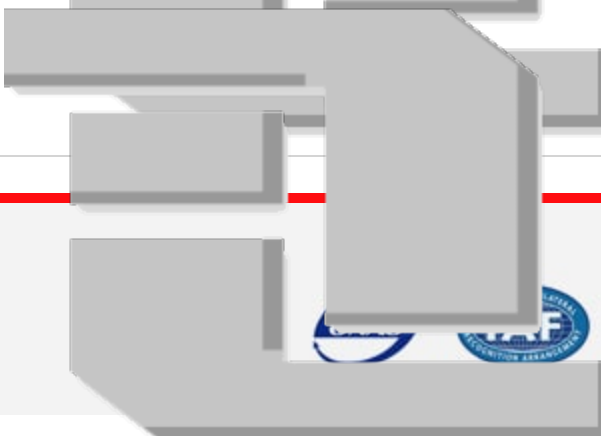
Specifications of PPC5606BCLU48

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | PPC5606BCLU48                                                                               |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                              |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 6425 pcs                                                                                    |
| DATA SHEET                       |                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                            |
| SPEED                            | 48MHz                                                                                       |
| SERIES                           | MPC56xx Qorivva                                                                             |
| RAM SIZE                         | 80K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                          |
| PACKAGING                        | Tray                                                                                        |
| PACKAGE / CASE                   | 176-LQFP                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                           |
| NUMBER OF I/O                    | 149                                                                                         |
| 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 1MB (1M x 8) FLASH 176-LQFP (24x24) |
| DATA CONVERTERS                  | A/D 29x10b, 5x12b                                                                           |
| CORE SIZE                        | 32-Bit                                                                                      |
| CORE PROCESSOR                   | e200z0h                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                               |
| BASE PART NUMBER                 | PC5606                                                                                      |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| PPC5606BCLU48               | PPC5606BCLU48 Distributor        | PPC5606BCLU48 Supplier  |
| PPC5606BCLU48 Price         | PPC5606BCLU48 Pictures           | PPC5606BCLU48 Image     |
| PPC5606BCLU48 PDF Datasheet | PPC5606BCLU48 Download Datasheet | PPC5606BCLU48 Datasheet |
| PPC5606BCLU48 Stock         | Buy PPC5606BCLU48                | Buy PPC5606BCLU48       |
| PPC5606BCLU48               | Supplier                         | Distributor             |

Related Products

|                                                                                                                                                                                                                            |                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PPC5605BCLU48</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: 6933 pcs</p> <p>RFQ</p>  |  <p><b>PPC8306CVMABDCA</b><br/>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: 6817 pcs</p> <p>RFQ</p>   |
|  <p><b>PPC7 SL080</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE GLAND 3-6.5MM PG7 POLY<br/>In stock: 67279 pcs</p> <p>RFQ</p> |  <p><b>PPC8306CVMADDCA</b><br/>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: 4011 pcs</p> <p>RFQ</p>   |
|  <p><b>PPC71DM48</b><br/>Manufacturers: Carlo Gavazzi<br/>Description: 3-PHASE MONITORING RELAY<br/>In stock: 417 pcs</p> <p>RFQ</p>     |  <p><b>PPC5605BCLQ48</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 6967 pcs</p> <p>RFQ</p> |
|  <p><b>PPC5605BCLU64</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 176LQFP<br/>In stock: 3859 pcs</p> <p>RFQ</p>  |  <p><b>PPC7 BK080</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE GLAND 3-6.5MM PG7 POLY<br/>In stock: 55662 pcs</p> <p>RFQ</p> |
|  <p><b>PPC5606BCLU64</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 3673 pcs</p> <p>RFQ</p>    |  <p><b>PPC5605BCLQ64</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: 2856 pcs</p> <p>RFQ</p> |
|  <p><b>PPC5606BCLQ48</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 3413 pcs</p> <p>RFQ</p>    |  <p><b>PPC5606BCLQ64</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6613 pcs</p> <p>RFQ</p>   |